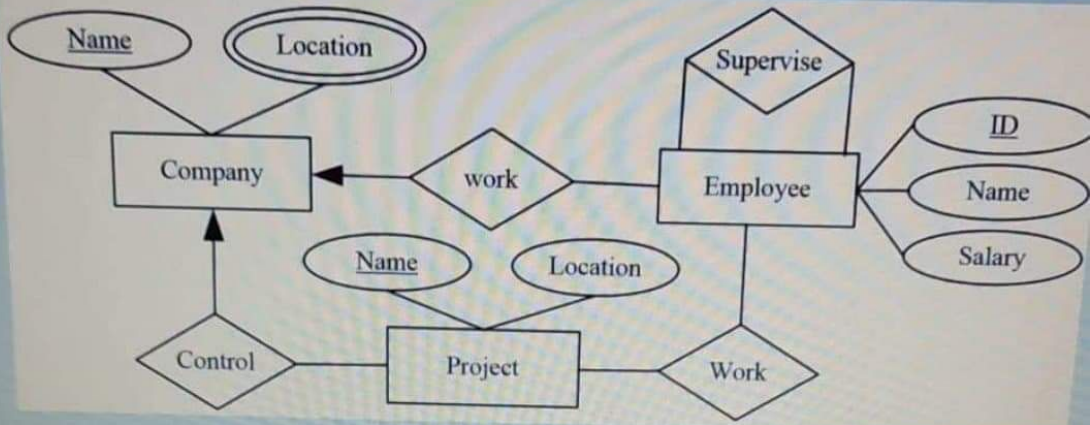


How many relations will result from mapping the following ER-Diagram?



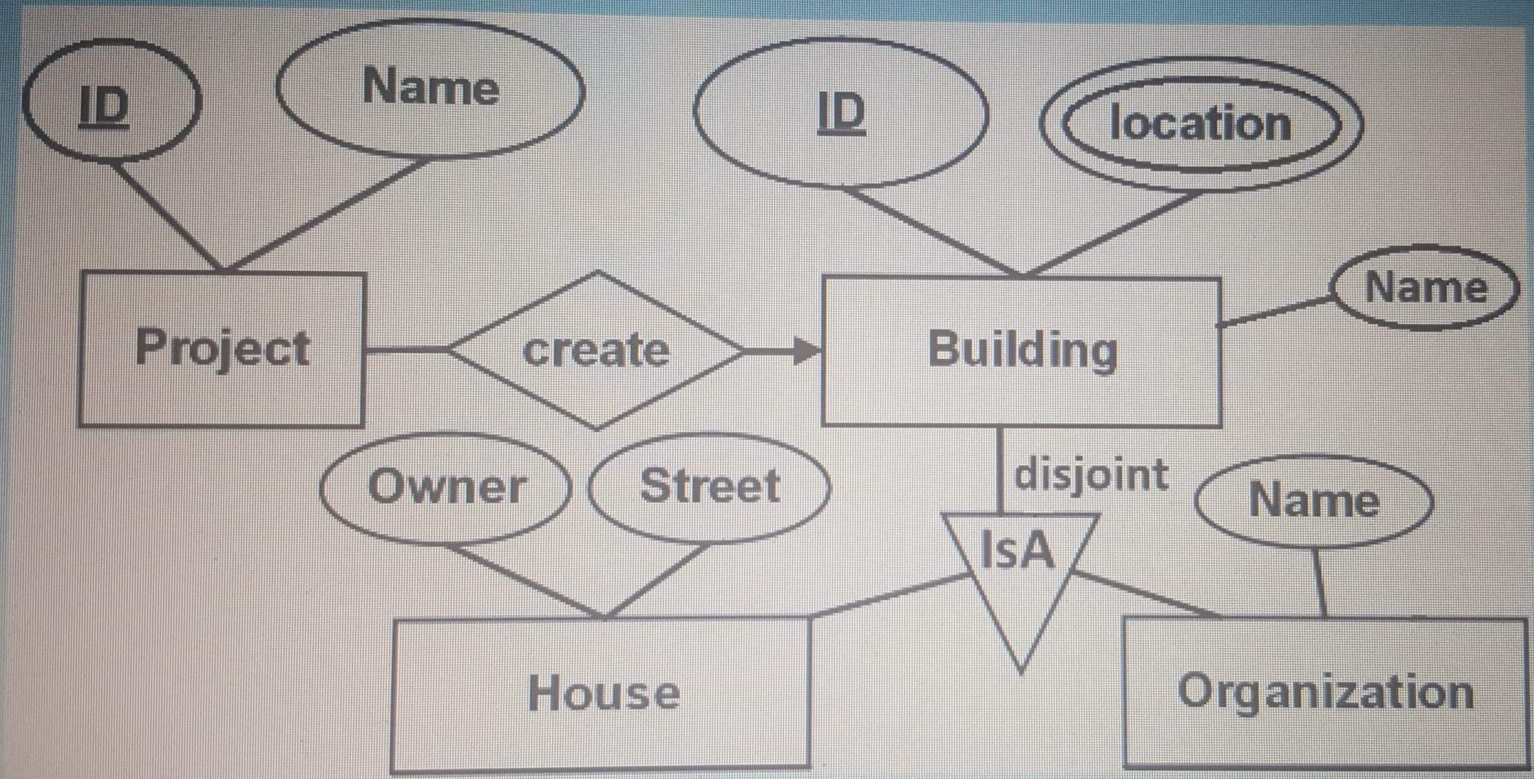
Select one:

- Five relations
- Six relations
- None of the given options
- Three relations
- Four relations

Clear my choice



Consider the following ERD and indicate how many attribute the 'Organization' relation will have ?



Select one:

- Two attributes

Quiz

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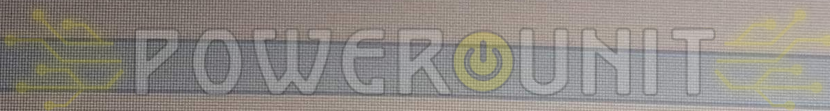
Time

All the following statements about weak and strong entity sets are True, Except:

Select one:

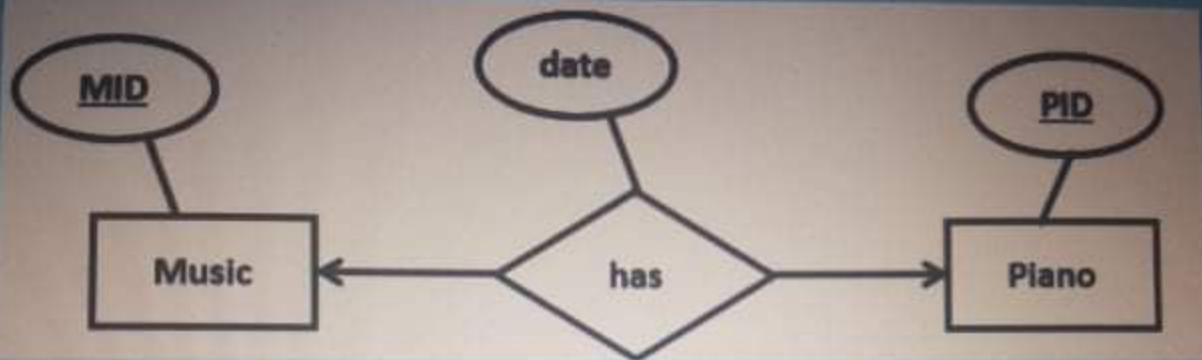
- PK of the strong entity set is not explicitly stored with the weak entity set
- An entity set that does not have a primary key is referred to as a weak entity set
- The weak entity set depends on the existence of the strong entity set
- The PK of the weak entity set is only formed by the primary key of the strong entity set
- In ER-Diagram, the identifying relationship of a weak entity is represented as a double diamond

Clear my choice



Drop Table command cannot be used to drop a table referenced by a _____ constraint.

- Super Key
- Primary Key
- Local Key
- Foreign Key

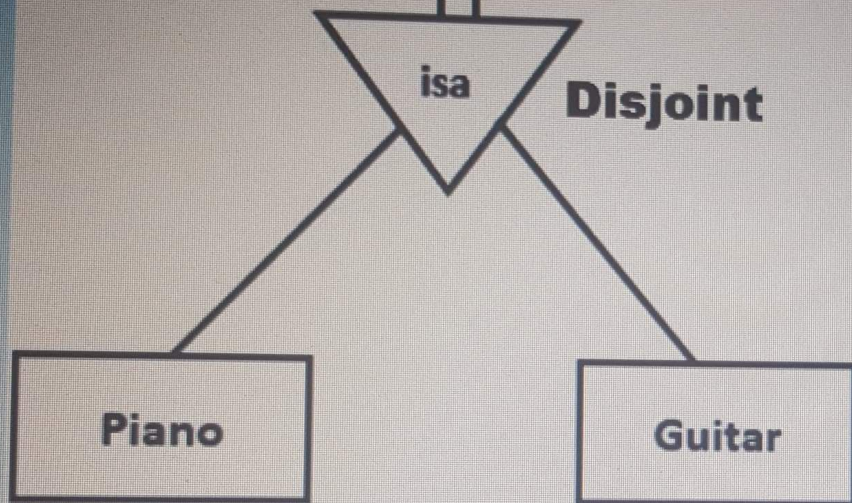


Select one:

- has(date)
- Music(MID) and Piano(PID, date)
- Music(MID, date) and Piano(PID)
- Music(MID, date, PID) and Piano(PID)

Clear my choice

POWERUNIT



Select one:

- Three tables: Music and Piano and Guitar
- Four tables: Music and Piano and Guitar and isa
- One table: Music
- Two tables: Piano and Guitar

[Clear my choice](#)



POWER@UNIT

Functional dependency is:

Select one:

- Relationship between or among relations
- Links between or among relationships
- Relationship between or among entities
- Relationship between or among attributes
- None of the given options



Question 12

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Based on the emp schema structure below, which of the following commands will decrease the size of the Dep_ID attribute from 5 to 4 ?

```
emp(Name varchar(20),  
     ID char(5),  
     Dep_ID char(5),  
     Salary numeric(8.2));
```

Select one:

- ALTER TABLE emp MODIFY DEP_ID CHAR(5)-1;
- ALTER TABLE emp MODIFY DEP_ID(4);
- ALTER TABLE emp MODIFY DEP_ID CHAR(4);
- ALTER TABLE emp MODIFY DEP_ID(5 - 1);

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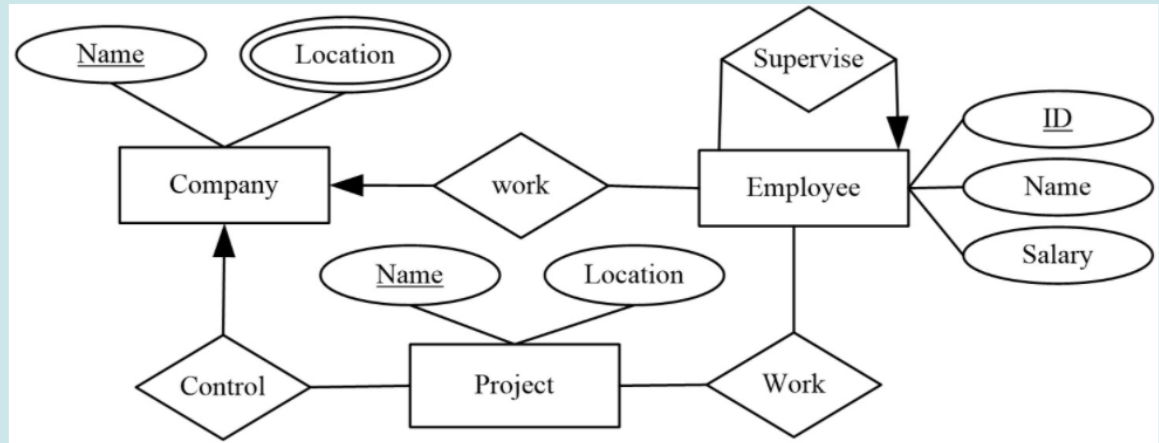
Time left 0:

Activate
Go to PC s



Question 17
Not yet answered
Marked out of 3.00
Flag question

How many relations will result from mapping the following ER-Digram?



- Select one:
- Five relations
 - Three relations
 - None of the given options
 - Four relations
 - Six relations

Quiz navigation

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17				

[Finish attempt ...](#)

Time left 0:06:09

Activate Windows
Go to Settings to activate Windows.

The Primary Key of a Weak Entity Set is:

Select one:

- The combination of the Primary Key of the Weak Entity Set with the Primary Key of the Strong Entity
- None of the given options
- The combination of the Super Key of the Weak Entity Set with the Primary Key of the Strong Entity
- The combination of the Foreign Key of the Weak Entity Set with the Primary Key of the Strong Entity
- The combination of the discriminator with the Primary Key of the Strong Entity

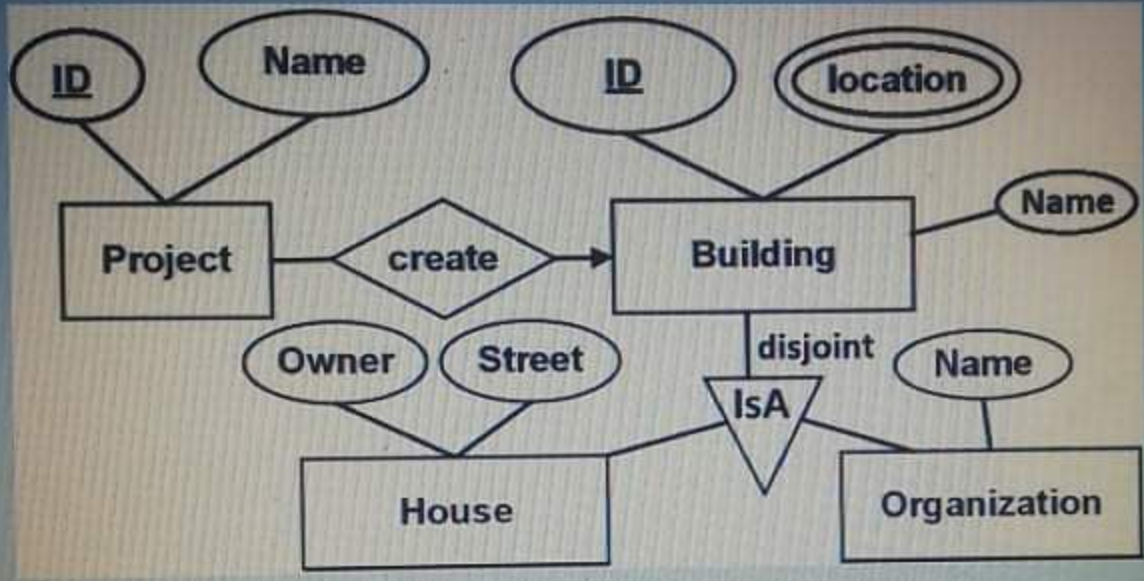
POWERUNIT

Quiz navigi

1	2	3
7	8	9
13	14	15

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Time left 0



Select one:

- Three attributes
- Four attributes
- Five attributes
- Two attributes



An attribute of a relation can also be property of a relationship set

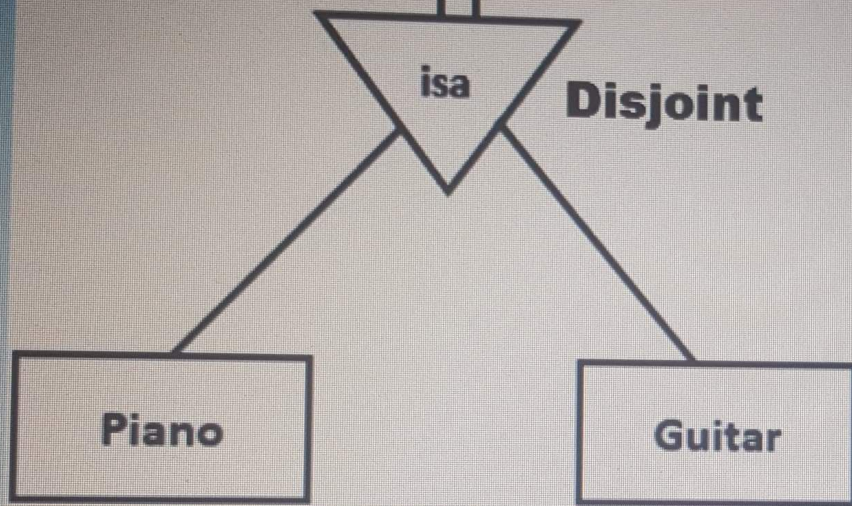
Select one:

True

False

 POWERUNIT

Next page



Select one:

- Three tables: Music and Piano and Guitar
- Four tables: Music and Piano and Guitar and isa
- One table: Music
- Two tables: Piano and Guitar

[Clear my choice](#)



POWERUNIT

نقل الاختبار



..إنهاء المحاولة

الوقت المتبقي 0:11:08

All the following statements about weak and strong entity sets are True, Except

اختر أحد الخيارات

- PK of the strong entity set is not explicitly stored with the weak entity set
- The weak entity set depends on the existence of the strong entity set
- The PK of the weak entity set is only formed by the primary key of the strong entity set
- In ER-Diagram, the identifying relationship of a weak entity is represented as a double diamond
- An entity set that does not have a primary key is referred to as a weak entity set

سؤال 14

غير محاب عليه

بعد

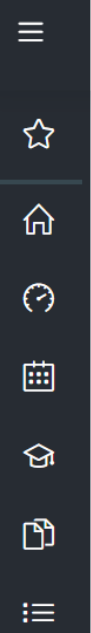
الدرجة من 1.00

3 عليم هذا

السؤال

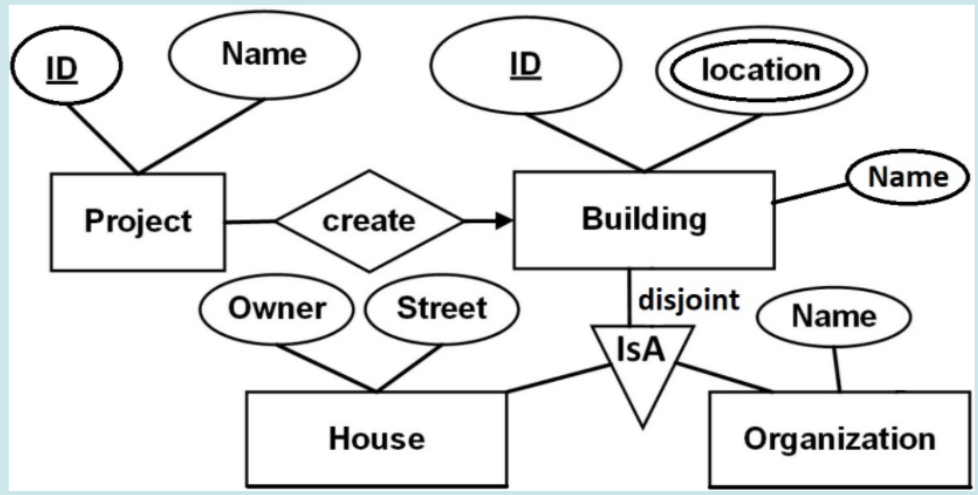
Type here to search





Question 10
Not yet answered
Marked out of 1.00
Flag question

Consider the following ERD and indicate how many attribute the 'House' relation will have ?



- Select one:
- Two attributes
 - Five attributes
 - Three attributes
 - Four attributes

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17				

Finish attempt ...
Time left 0:11:20

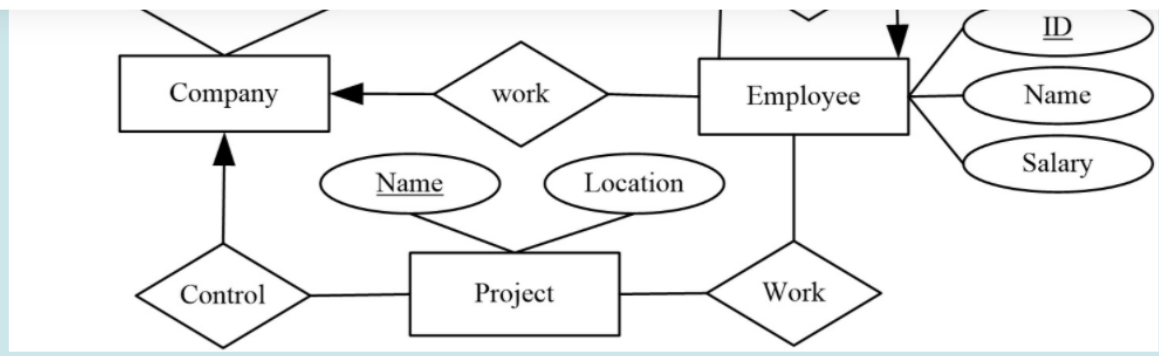
Activate Windows
Go to Settings to activate Windows.



POWERUNIT



Flag question



Select one:

- A company has employees. Each employee can be assigned to work on several projects which the company control. One supervisor supervises several employees in the company
- A company has several employees. Each employee can be assigned to work on several projects which the company controls. Two supervisors monitor several employees in the company
- A company has employees. Each employee can be assigned to work on several projects. Every project has one employee only.
- A company has many employees. Each employee can be assigned to work on one project which the company controls. One supervisor supervises several employees in the company

[Clear my choice](#)

15 16 17

[Finish attempt ...](#)

Time left 0:12:12

Activate Windows
Go to Settings to activate Windows.

Introduction to database systems | جميع الشعب

Is the following statement True or False:

Elimination of 'partial functional dependency' is a necessary step for the database to be in SECOND NF

Select one:

True

False

Next page



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Question 14
Not yet answered
Marked out of 2.00
Flag question

In which Normal Form the following relations are?

S_ID	S_Name	Dep	Coll
11111	Ali	Chemistry	Science
22222	Khalid	Spanish	Languages
11111	Ali	Chemistry	Science

S_ID	Course	Lecturer
11111	General Chemistry	Prof. Jay
22222	Modern Spanish Language	Dr. Sally
11111	Organic Chemistry	Dr. Martin

- Select one:
- Zero Normal Form
 - Second Normal Form
 - Third Normal Form
 - First Normal Form

Quiz navigation

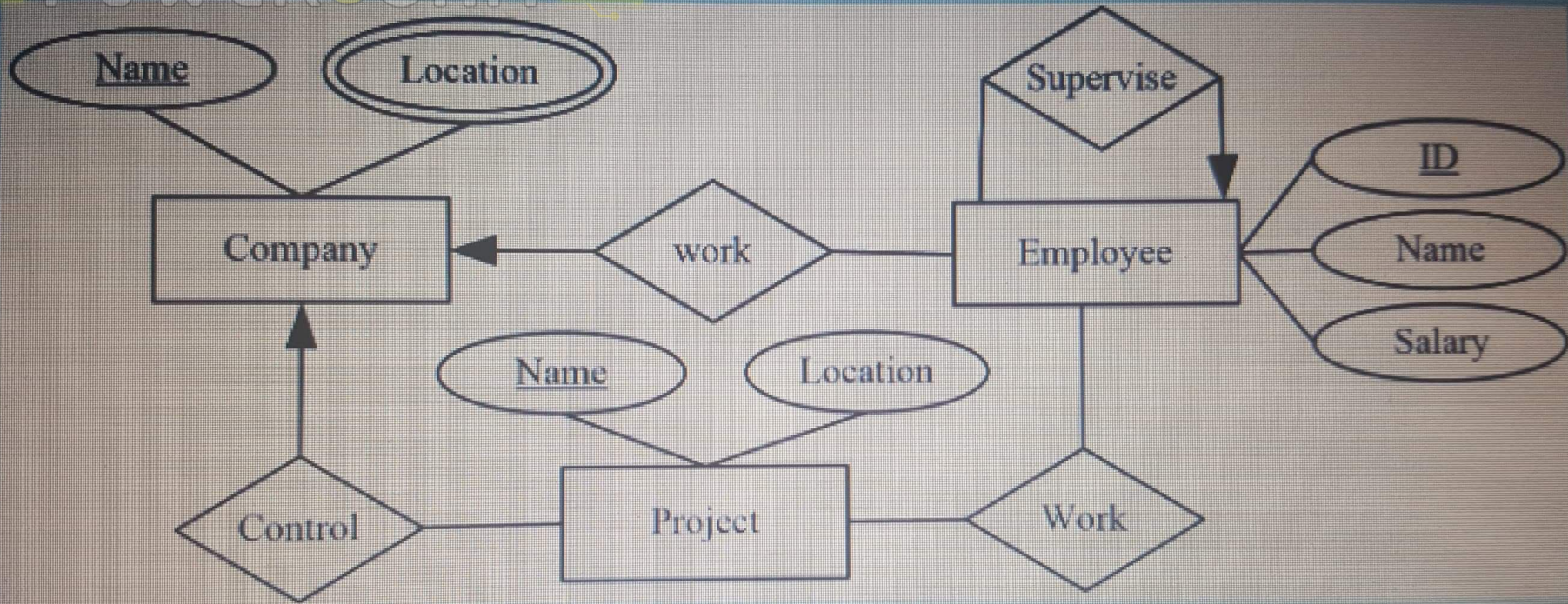
1 2 3 4 5 6 7
8 9 10 11 12 13 14
15 16 17

[Finish attempt ...](#)

Time left 0:14:10

Activate Windows
Go to Settings to activate Windows.

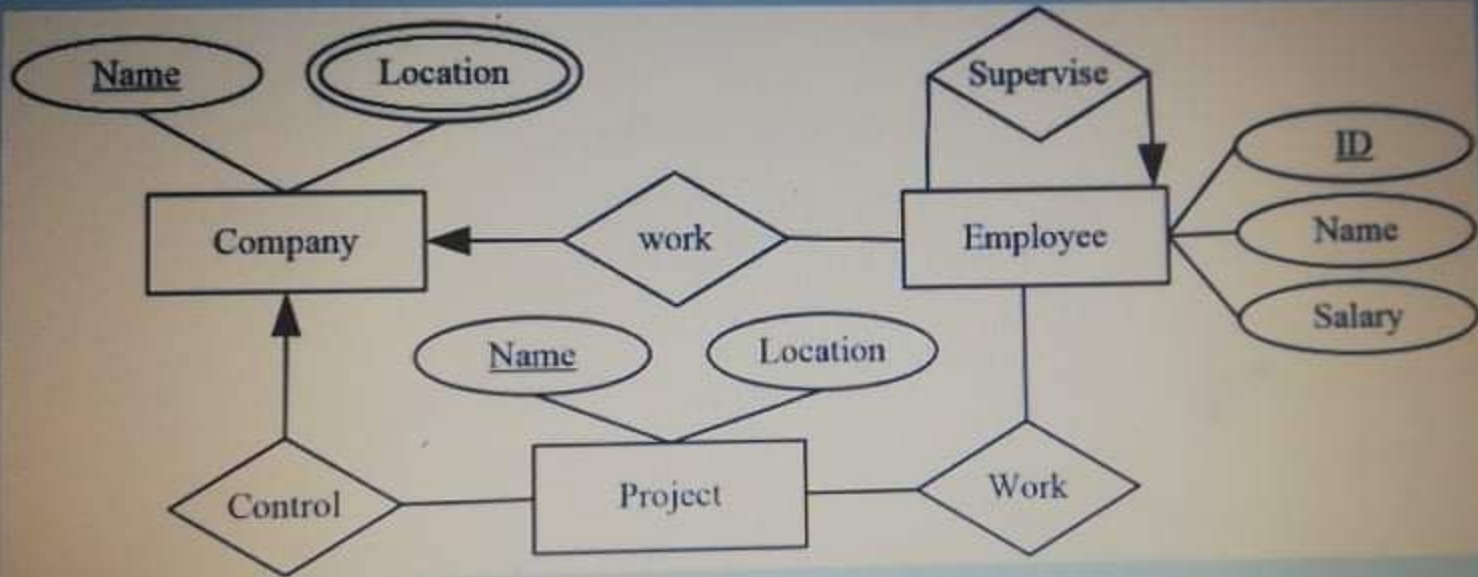
Choose the correct paragraph that describes the following ER Diagram (or part of it):



Select one:

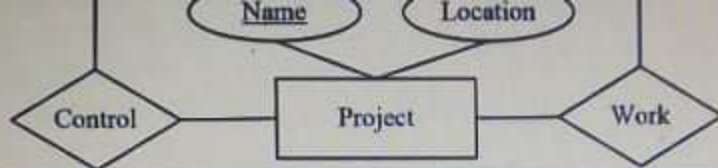
- A company has several employees. Each employee can be assigned to work on several projects which the company controls. Two supervisors monitor several employees in the

Choose the correct paragraph that describes the following ER Diagram (or part of it):



Select one:

- A company has employees. Each employee can be assigned to work on several projects. Every project has one employee only.



POWERUNIT

Select one:

- A company has employees. Each employee can be assigned to work on several projects. Every project has one employee only.
- A company has several employees. Each employee can be assigned to work on several projects which the company controls. Two supervisors monitor several employees in the company
- A company has many employees. Each employee can be assigned to work on one project which the company controls. One supervisor supervises several employees in the company
- A company has employees. Each employee can be assigned to work on several projects which the company control. One supervisor supervises several employees in the company



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Question 13
Not yet answered
Marked out of 2.00
Flag question

Choose the correct DDL statement to add a new column in a table:

Select one:

- ALTER TABLE table_name NEW column_name datatype;
- ADD COLUMN table_name ADD column_name datatype;
- ALTER TABLE table_name ADD column_name datatype;
- ADD COLUMN table_name NEW column_name datatype;

[Clear my choice](#)

Next page

Quiz navigation

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17				

[Finish attempt ...](#)

Time left **0:15:49**

Activate Windows
Go to Settings to activate Windows.

Choose the correct DDL statement to add a new column in a table:

Select one:

- ALTER TABLE table_name ADD column_name datatype;
- ADD COLUMN table_name ADD column_name datatype;
- ALTER TABLE table_name NEW column_name datatype;
- ADD COLUMN table_name NEW column_name datatype;

[Clear my choice](#)



POWERUNIT



Question **12**

Not yet answered

Marked out of 2.00

Flag question

What is the result of the following TWO DDL statements

Create table Department(DID varchar(5), Dname varchar(25), primary key(DID));

Create table Employee(EID varchar(5), Ename varchar(25), DID varchar(5), primary key(EID), Foreign key(DID) references Department(DID));

Select one:

- Two tables will be created with one-to-many relationship, the Department table is the many side.
- Two tables will be created with no relationship
- Two tables will be created with one-to-many relationship, the Employee table is the many side.
- One table will be created with unary one-to-many relationship.

[Clear my choice](#)

[Next page](#)

Quiz navigation

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17				

[Finish attempt ...](#)

Time left **0:16:37**

Activate Windows
Go to Settings to activate Windows.

An attribute of a relation can also be property of a relationship set

اختر أحد الخيارات

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سؤال 7

غير محاب عليه بعد

الدرجة من 1.00

٣ عليم هذا السؤال

الصفحة التالية

What is the result of the following TWO DDL statements

Create table Department(DID varchar(5), Dname varchar(25), primary key(DID));

Create table Employee(EID varchar(5), Ename varchar(25), DID varchar(5), primary key(EID), Foreign key(DID) references Department(DID));

Select one:

- Two tables will be created with one-to-many relationship, the Department table is the many side.
- One table will be created with unary one-to-many relationship.
- Two tables will be created with no relationship
- Two tables will be created with one-to-many relationship, the Employee table is the many side.

Clear my choice

Quiz navigation

1	2	3	4
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Finish attempt ...

Time left 0:19:13

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Database Midterm Exam

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introduction to database systems \ جميع الشعب

مقراتي الدراسية

مقدمة

Drop Table command cannot be used to drop a table referenced by a _____ constraint.

Foreign Key

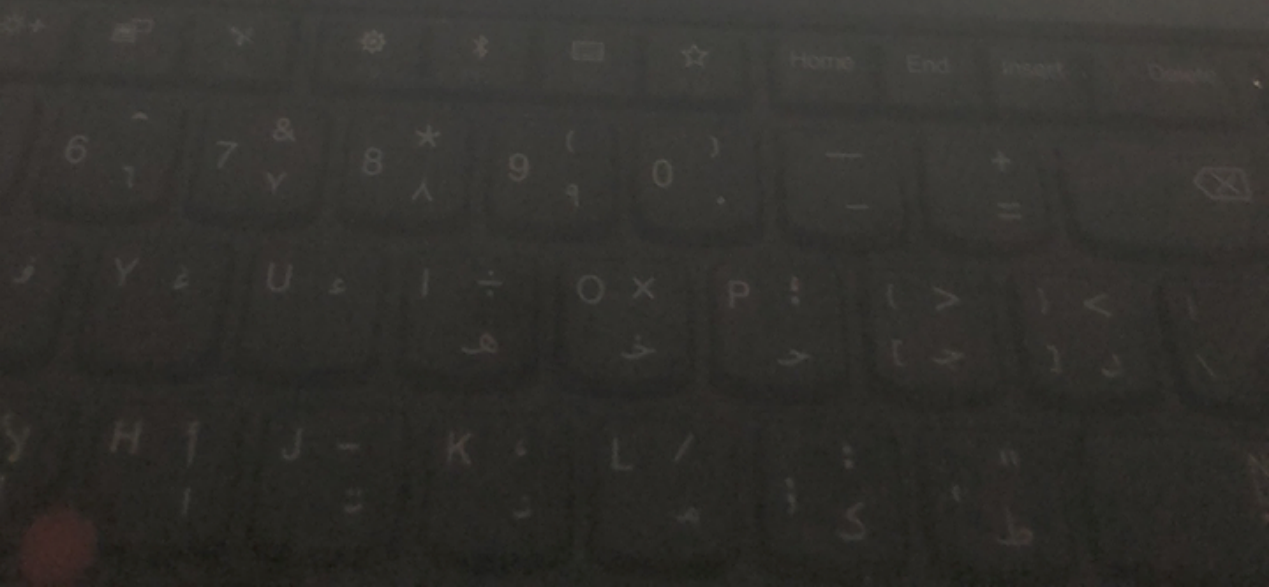
Local Key

Super Key

Primary Key

الصفحة التالية

POWERUNIT



11111	General Chemistry
22222	Modern Spanish Language
11111	Organic Chemistry

Course	Lecturer
General Chemistry	Prof. Jay
Modern Spanish Language	Dr. Sally
Organic Chemistry	Dr. Martin

Select one:

- Zero Normal Form
- Third Normal Form
- Second Normal Form
- First Normal Form

[Clear my choice](#)



Question 13

Not yet answered

Marked out of 2.00

Flag question

In which Normal Form the following relations are?

S_ID	S_Name	Dep	Coll
11111	Ali	Chemistry	Science
22222	Khalid	Spanish	Languages
11111	Ali	Chemistry	Science

S_ID	Course
11111	General Chemistry
22222	Modern Spanish Language
11111	Organic Chemistry

Course	Lecturer
General Chemistry	Prof. Jay
Modern Spanish Language	Dr. Sally
Organic Chemistry	Dr. Martin

Quiz navigation



Finish attempt ...

Time left 0:19:44

POWERUNIT

Choose the correct DDL statement to add a new column in a table:

Select one:

- ADD COLUMN table_name NEW column_name datatype;
- ADD COLUMN table_name ADD column_name datatype;
- ALTER TABLE table_name ADD column_name datatype;
- ALTER TABLE table_name NEW column_name datatype;

[Clear my choice](#)

 POWERUNIT

[Next page](#)

Quiz nav



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All the following are attribute types, EXCEPT:

- Multi-valued attribute
- Composite attribute
- Domain attribute
- Single valued attribute
- Derived attribute

Quiz navigation

1	2	
7	8	
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Finish attempt

Time left

Next page



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The Primary Key of a weak Entity Set is:

Select one:

- The combination of the Super Key of the Weak Entity Set with the Primary Key of the Strong Entity
- The combination of the Primary Key of the Weak Entity Set with the Primary Key of the Strong Entity
- The combination of the discriminator with the Primary Key of the Strong Entity
- None of the given options
- The combination of the Foreign Key of the Weak Entity Set with the Primary Key of the Strong Entity

[Clear my choice](#)



Finish attempt ...

Time left 0:21:26



Question 10
Not yet answered
Marked out of 1.00
Flag question

All the following statements about weak and strong entity sets are True, Except:

Select one:

- The weak entity set depends on the existence of the strong entity set
- An entity set that does not have a primary key is referred to as a weak entity set
- In ER-Diagram, the identifying relationship of a weak entity is represented as a double diamond
- The PK of the weak entity set is only formed by the primary key of the strong entity set
- PK of the strong entity set is not explicitly stored with the weak entity set

Next page

Quiz navigation

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17				

[Finish attempt ...](#)

Time left **0:24:00**

Question 9

Not yet
answered

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1.00

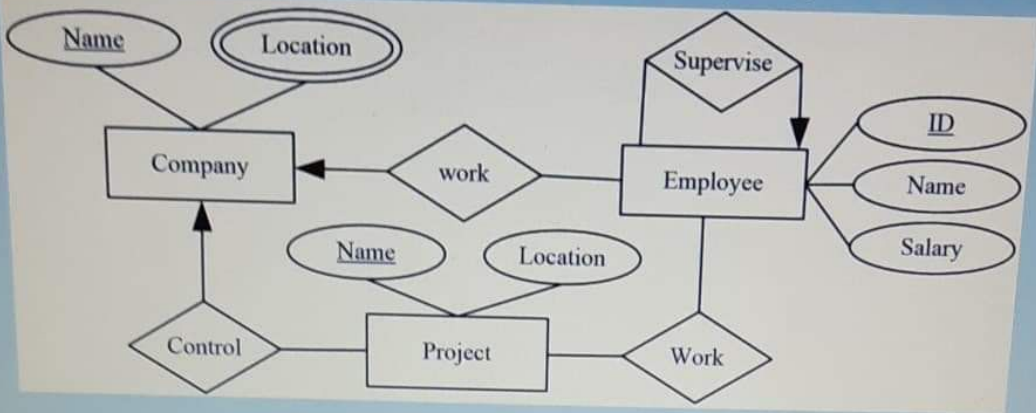
Flag
question

All the following are attribute types, EXCEPT:

- Domain attribute
- Derived attribute
- Multi-valued attribute
- Composite attribute
- Single valued attribute

[Clear my choice](#)

Choose the correct paragraph that describes the following ER Diagram (or part of it):

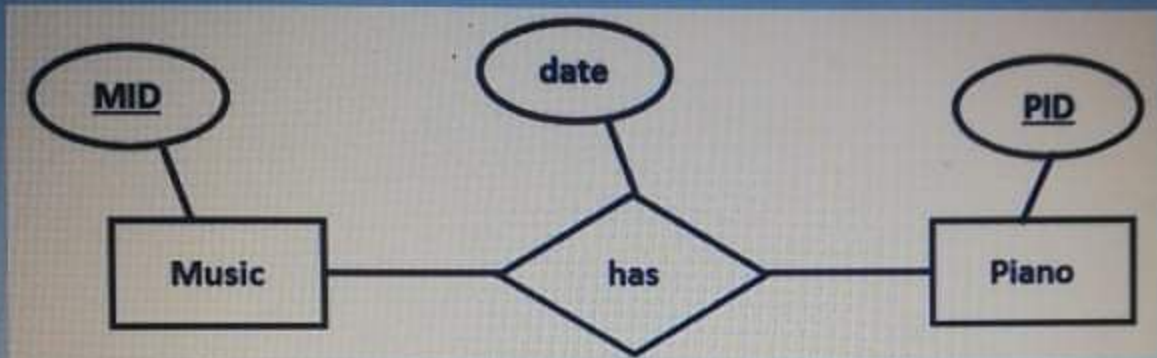


Select one:

- A company has many employees. Each employee can be assigned to work on one project which the company controls. One supervisor supervises several employees in the company.
- A company has employees. Each employee can be assigned to work on several projects. Every project has one employee only.
- A company has several employees. Each employee can be assigned to work on several projects which the company controls. Two supervisors monitor several employees in the company.
- A company has employees. Each employee can be assigned to work on several projects which the company control. One supervisor supervises several employees in the company.



Select the correct table(s) mapping that will be generated from the following ERD:



Select one:

- has(date, MID, PID) and Music(MID) and Piano(PID)
- Music(MID) and Piano(PID, date, MID)
- Music(MID, date) and Piano(PID)
- Music(MID, date, PID) and Piano(PID)

[Clear my choice](#)

POWERUNIT

Finish attempt

Time left 0:28:19

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Drop Table command cannot be used to drop a table referenced by aconstraint.

- Primary Key
- Foreign Key
- Local Key
- Super Key

Clear my choice



Next page

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Question 6
Not yet answered
Marked out of 1.00
Flag question

All the following are attribute types, EXCEPT:

- Multi-valued attribute
- Composite attribute
- Derived attribute
- Domain attribute
- Single valued attribute

[Clear my choice](#)

Next page

Quiz navigation

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17				

[Finish attempt ...](#)

Time left **0:27:58**



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Question 5
Not yet answered
Marked out of 2.00
Flag question

Functional dependency is:
Select one:
 Relationship between or among attributes
 None of the given options
 Relationship between or among relations
 Relationship between or among entities
 Links between or among relationships
[Clear my choice](#)

Quiz navigation

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17				

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Time left **0:28:52**

[Next page](#)

Activate Windows
Go to Settings to activate Windows.

Question 2

Not yet answered

Marked out of 2.00

Flag question

In which Normal Form the following relations are?

S_ID	S_Name	Dep	Coll
11111	Ali	Chemistry	Science
22222	Khalid	Spanish	Languages
11111	Ali	Chemistry	Science

S_ID	Course	Lecturer
11111	General Chemistry	Prof. Jay
22222	Modern Spanish Language	Dr. Sally
11111	Organic Chemistry	Dr. Martin

Select one:

- Second Normal Form
- Third Normal Form
- First Normal Form
- Zero Normal Form

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13 14 15

Finish attempt .

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Activate Win
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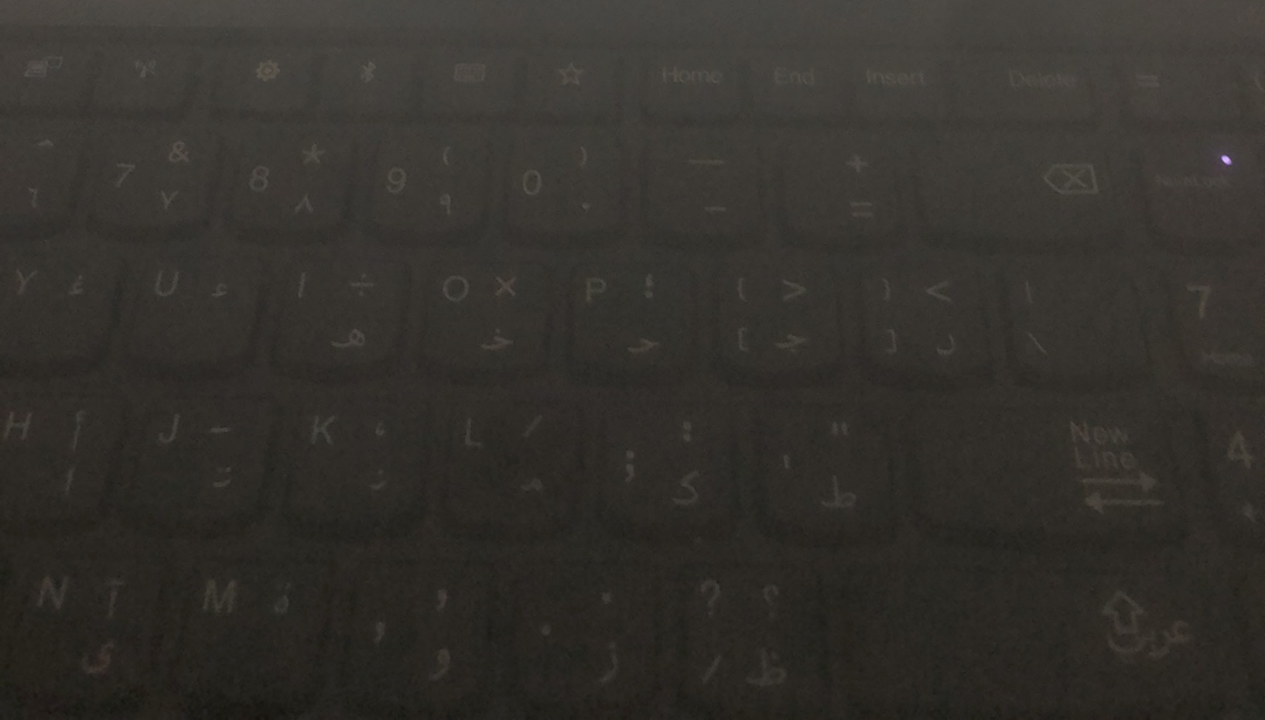
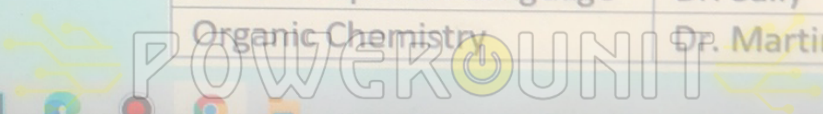
?In which Normal Form the following relations are

S_ID	S_Name	Dep	Coll
11111	Ali	Chemistry	Science
22222	Khalid	Spanish	Languages
11111	Ali	Chemistry	Science

S_ID	Course
11111	General Chemistry
22222	Modern Spanish Language
11111	Organic Chemistry

Course	Lecturer
General Chemistry	Prof. Jay
Modern Spanish Language	Dr. Sally
Organic Chemistry	Dr. Martin

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Question 3

Not yet
answered

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2.00

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Functional dependency is:

Select one:

- None of the given options
- Links between or among relationships
- Relationship between or among entities
- Relationship between or among attributes
- Relationship between or among relations

Clear my choice

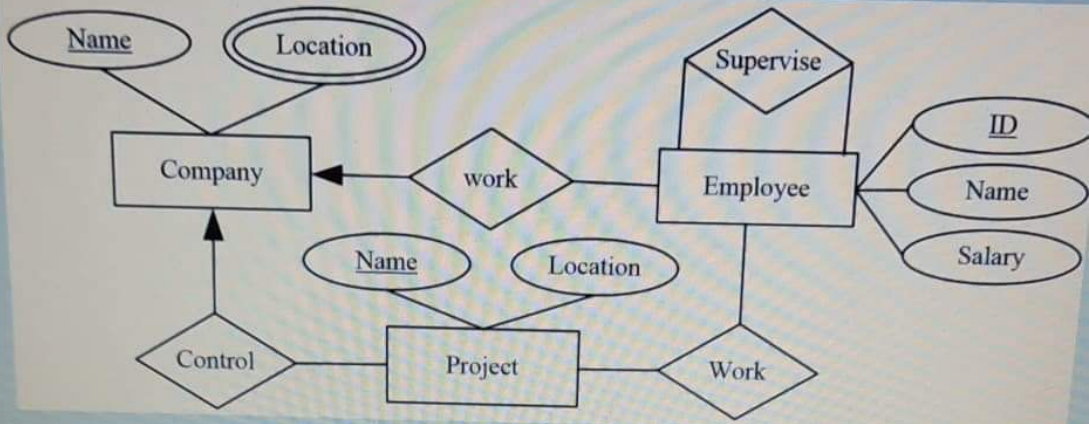
POWERUNIT

Next page

Search



How many relations will result from mapping the following ER-Diagram?



Select one:

- Five relations
- Six relations
- None of the given options
- Three relations
- Four relations

Clear my choice

POWERUNIT



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What is the result of the following TWO DDL statements

Create table Department(DID varchar(5), Dname varchar(25), primary key(DID));

Create table Employee(EID varchar(5), Ename varchar(25), DID varchar(5), primary key(EID), Foreign key(DID) references Department(DID));

Select one:

- One table will be created with unary one-to-many relationship.
- Two tables will be created with no relationship
- Two tables will be created with one-to-many relationship, the Department table is the many side.
- Two tables will be created with one-to-many relationship, the Employee table is the many side.

[Clear my choice](#)

Quiz no

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15	16
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Question 4

Not yet answered

Marked out of 1.00

Flag question

In a relationship, when a primary key from one entity is also defined as a field in a second entity, this field in the second entity is referred as

Select one:

- Combined Key
- Partial Key
- Primary Key
- Candidate key
- Foreign Key

[Clear my choice](#)

[Next page](#)

Quiz navigation

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17				

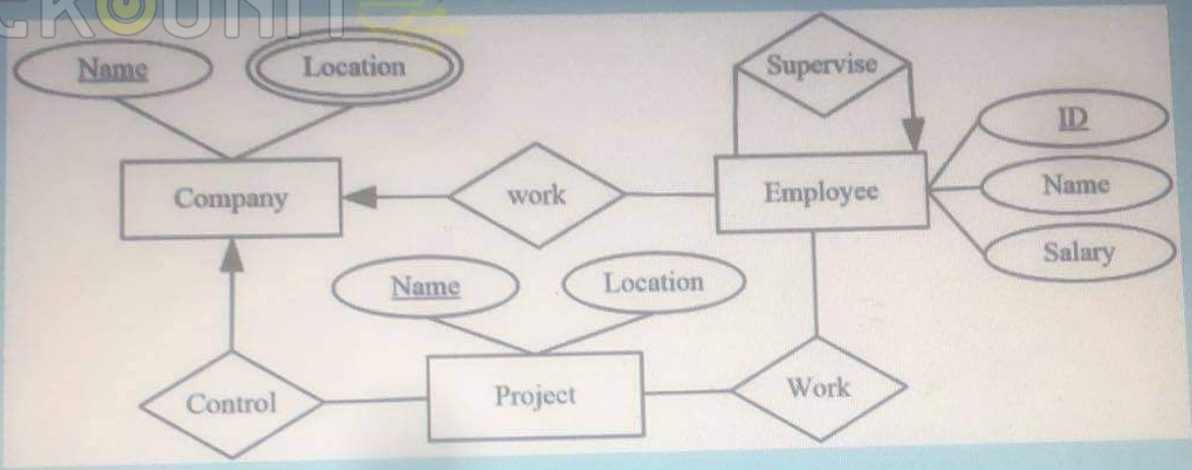
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Time left **0:31:14**

Activate Windows
Go to Settings to activate Windows.

POWERUNIT

How many relations will result from mapping the following ER diagram



اختر أحد الخيارات

- Six relations
- None of the given options
- Three relations
- Five relations
- Four relations

أجل اختياري

غير محاب عليه
بعد
الدرجة من 3.00
3 علم هذا
السؤال

- إنهاء المحاولة
الوقت المتبقي 0:31:16

Question 3

Not yet
answered

Marked out of
2.00

Flag
question

Functional dependency is:

Select one:

- None of the given options
- Links between or among relationships
- Relationship between or among entities
- Relationship between or among attributes
- Relationship between or among relations

POWERUNIT

Next page

Quiz

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Finish a

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Search



Introduction to database systems | جميع الشعب

The Primary Key of a Weak Entity Set is:

Select one:

- The combination of the Primary Key of the Weak Entity Set with the Primary Key of the Strong Entity
- None of the given options
- The combination of the Foreign Key of the Weak Entity Set with the Primary Key of the Strong Entity
- The combination of the Super Key of the Weak Entity Set with the Primary Key of the Strong Entity
- The combination of the discriminator with the Primary Key of the Strong Entity

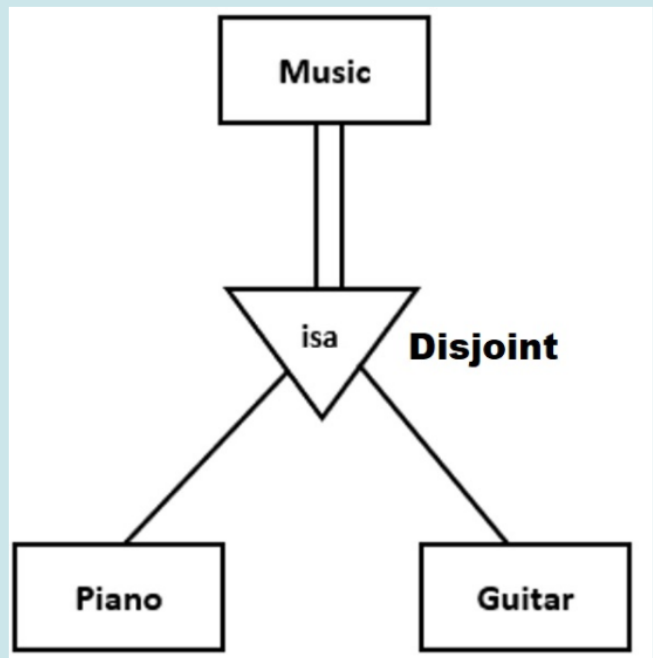
Clear my choice





Not yet answered
Marked out of 2.00
Flag question

How many tables will be generated after we do the mapping for the following shape:



Select one:

- Three tables: Music and Piano and Guitar
- Four tables: Music and Piano and Guitar and isa
- Two tables: Piano and Guitar

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17				

[Finish attempt ...](#)

Time left 0:32:01

Activate Windows
Go to Settings to activate Windows.

Is the following statement True or False:

Elimination of 'partial functional dependency' is a necessary step for the database to be in SECOND NF

Select one:

True

False

Next page

In a relational database, we use when there is a situation where some entities in a table do not participate in any relationship in the relationship set:

Select one:

- Overlapping Specialization
- Partial Participation
- Disjoint Specialization
- Total Participation
- Strong Entity Set

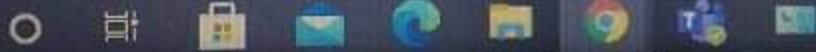


Quiz naviga

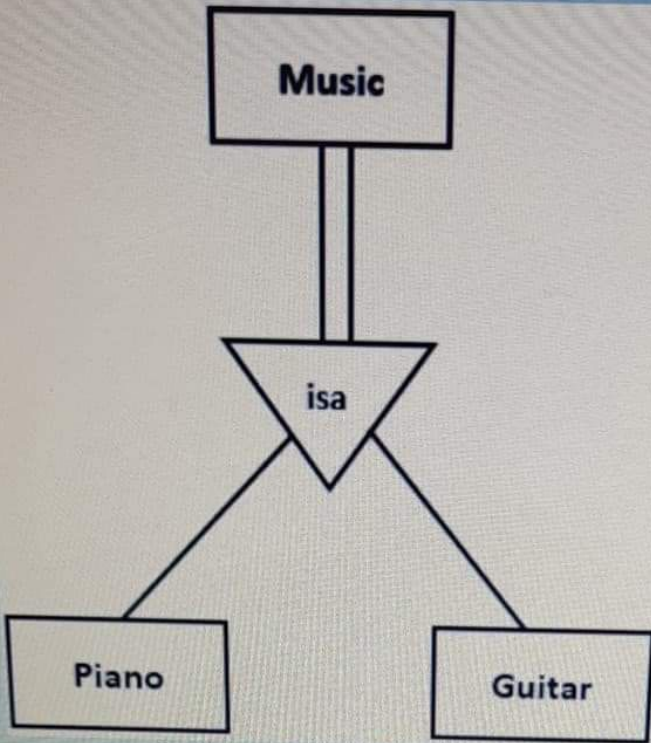


Finish attempt

Time left 0:32:4



How many tables will be generated after we do the mapping for the following



Select one:

- Three tables: Music and Piano and Guitar
- Two tables: Piano and Guitar
- Four tables: Music and Piano and Guitar and isa
- One table: Music

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General

Database Midterm Exam

All the following statements about weak and strong entity sets are True, Except:

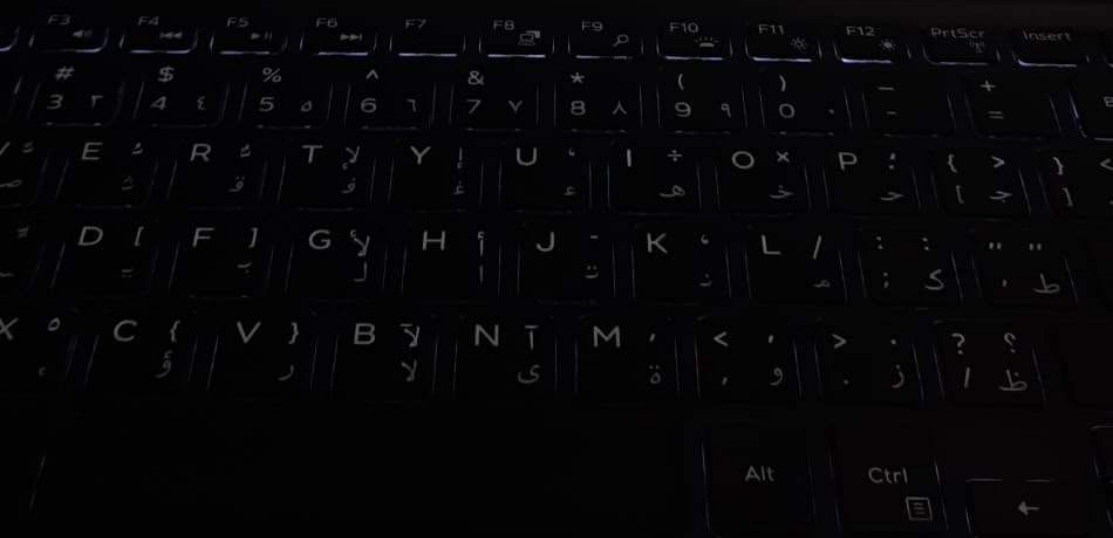
Select one:

- The weak entity set depends on the existence of the strong entity set
- PK of the strong entity set is not explicitly stored with the weak entity set
- In ER-Diagram, the identifying relationship of a weak entity is represented as a double diamond
- An entity set that does not have a primary key is referred to as a weak entity set
- The PK of the weak entity set is only formed by the primary key of the strong entity set

Clear my choice

Next page

POWERUNIT



Is the following statement True or False:

Elimination of 'partial functional dependency' is a necessary step for the database to be in SECOND NF

Select one:

True

False



Next page

POWERUNIT

Database Midterm Exam

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All the following are attribute types, EXCEPT:

Composite attribute

Domain attribute

Derived attribute

Single valued attribute

Multi-valued attribute

تنقل الاختبار

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5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

إنتهاء المحاولة
الوقت المتبقي

الصفحة الأولى

Ps

Microsoft Edge

Google Chrome

Taskbar icons

System tray

8:00 PM
11/25/2023

ENG

System tray icons

Drop Table command cannot be used to drop a table referenced by a _____ constraint.

Foreign Key

Local Key

Primary Key

Super Key

[Clear my choice](#)

POWERUNIT

Quiz no

1

2

7

8

13

14

Finish at

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All the following statements about weak and strong entity sets are True, Except:

Select one:

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Question 1
Not yet answered
Marked out of 2.00
Flag question

Based on the emp schema structure below, which of the following commands will increase the size of the ID column from 5 to 6 ?

```
emp(Name varchar(20),
    ID char(5) ,
    Dep_ID char(5),
    Salary numeric(8.2));
```

Select one:

- ALTER TABLE emp MODIFY ID(5 + 1);
- ALTER TABLE emp MODIFY ID(6);
- ALTER TABLE emp MODIFY ID CHAR(6);
- ALTER TABLE emp MODIFY ID CHAR(5)+1;

Quiz navigation

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17							

[Finish attempt ...](#)

Time left **0:34:56**

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Activate Windows
Go to Settings to activate Windows.