JOIN Quiz 2

JOIN Quiz - part 2

1. Select the statement which lists the unfortunate directors of the movies which have caused financial loses (gross < budget)

```
SELECT JOIN(name FROM actor, movie
        ON actor.id:director WHERE gross < budget)
  GROUP BY name
```

```
SELECT name
  FROM actor INNER JOIN movie BY actor.id = director
  HAVING gross < budget
```

```
SELECT name
   FROM actor INNER JOIN movie ON actor.id = director
  WHERE gross < budget
```

```
SELECT name
   FROM actor INNER JOIN movie ON actor.id:director
  WHERE gross < budget
```

```
SELECT name
   FROM director INNER JOIN movie ON movie.id = director.id
  WHERE gross < budget
```

2. Select the correct example of JOINing three tables

```
SELECT *
   FROM actor JOIN casting BY actor.id = actorid
  JOIN movie BY movie.id = movieid
```

```
SELECT *
  FROM actor JOIN casting ON actor.id = actorid
   AND JOIN movie ON movie.id = movieid
```

```
SELECT *
  FROM actor JOIN casting
  JOIN movie ON actor.id = actorid
   AND movie.id = movieid
```

```
SELECT *
  FROM actor JOIN casting ON actor.id = actorid
   AND movie ON movie.id = movieid
```

```
SELECT *
  FROM actor JOIN casting ON actor.id = actorid
  JOIN movie ON movie.id = movieid
```

3. Select the statement that shows the list of actors called 'John' by order of number of movies in which they acted

```
SELECT name, COUNT(movieid)
  FROM actor JOIN casting ON actorid=actor.id
 WHERE name IN 'John %'
 GROUP BY name ORDER BY 2
```

```
SELECT name, COUNT(movieid)
  FROM actor JOIN casting ON actorid=actor.id
 WHERE name LIKE 'J%'
 GROUP BY name ORDER BY 2 DESC
```

```
SELECT name, COUNT(movieid)
  FROM casting JOIN actor ON actorid=actor.id
 WHERE name LIKE 'John %'
 GROUP BY name ORDER BY 2 DESC
```

```
SELECT name, COUNT(movieid)
  FROM casting JOIN actor
 WHERE (actorid ON actor.id)
   AND name LIKE 'John %'
 GROUP BY name ORDER BY 2 DESC
```

```
SELECT name, COUNT(movieid)
  FROM casting JOIN actor
 WHERE name LIKE 'John %'
 GROUP BY name ORDER BY COUNT(movieid) DESC
```

4. Select the result that would be obtained from the following code:

```
SELECT title
  FROM movie JOIN casting ON (movieid=movie.id)
             JOIN actor   ON (actorid=actor.id)
 WHERE name='Paul Hogan' AND ord = 1
```

Table-A

"Crocodile" Dundee	1
Crocodile Dundee in Los Angeles	1
Flipper	1
Lightning Jack	1

Table-B

"Crocodile" Dundee
Crocodile Dundee in Los Angeles
Flipper
Lightning Jack

Table-C

"Crocodile" Dundee
Paul Hogan
1

Table-D

"Crocodile" Dundee	Paul Hogan	1
Crocodile Dundee in Los Angeles	Paul Hogan	1
Flipper	Paul Hogan	1
Lightning Jack	Paul Hogan	1

Table-E

"Crocodile" Dundee	Paul Hogan
Crocodile Dundee in Los Angeles	Paul Hogan
Flipper	Paul Hogan

| Lightning Jack | Paul Hogan |

5. Select the statement that lists all the actors that starred in movies directed by Ridley Scott who has id 351

```
SELECT name
  FROM movie JOIN casting
    AND actor ON movie.id = movieid
    AND actor.id = actorid
 WHERE ord = 1
   AND actor = 351
```

```
SELECT name
  FROM movie JOIN casting
  JOIN actor ON movie.id = movieid
    OR actor.id = actorid
 WHERE ord = 1 AND director = 351
```

```
SELECT name
  FROM movie JOIN casting ON movie.id = movieid
  JOIN actor ON actor.id = actorid
 WHERE ord = 1 AND actorid = 351
```

```
SELECT name
  FROM movie JOIN casting ON movie.id = movieid
  JOIN actor ON actor.id = actorid
WHERE ord = 1 AND director = 351
```

```
SELECT name
  FROM movie JOIN casting ON movie.id = actorid
  JOIN actor ON actor.id = movieid
 WHERE director = 351
```

6. There are two sensible ways to connect movie and actor. They are:

- link the director column in movies with the id column in actor
- join casting to itself

- link the actor column in movies with the primary key in actor
- connect the primary keys of movie and actor via the casting table

- link the director column in movies with the primary key in actor
- connect the primary keys of movie and actor via the casting table

- link the director column in movies with the primary key in actor
- connect the primary keys of movie and casting via the actor table

- link the movie column in actor with the director column in actor
- connect movie and actor via the casting table

7. Select the result that would be obtained from the following code:

```
SELECT title, yr
  FROM movie, casting, actor
 WHERE name='Robert De Niro' AND movieid=movie.id AND actorid=actor.id AND ord = 3
```

Table-A

A Bronx Tale	1993	3
Bang the Drum Slowly	1973	3
Limitless	2011	3

Table-B

A Bronx Tale	1993
Bang the Drum Slowly	1973
Limitless	2011

Table-C

A Bronx Tale	3
Bang the Drum Slowly	3
Limitless	3

Table-D

A Bronx Tale

| Bang the Drum Slowly |
| Limitless |

Table-E

A Bronx Tale	Robert De Niro	1993
Bang the Drum Slowly	Robert De Niro	1973
Limitless	Robert De Niro	2011

Score the test

Your score is: 7 out of 7

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