# JOIN Quiz

JOIN quiz

### game

| id | mdate | stadium | team1 | team2 |
|---|---|---|---|---|
| 1001 | 8 June 2012 | National Stadium, Warsaw | POL | GRE |
| 1002 | 8 June 2012 | Stadion Miejski (Wroclaw) | RUS | CZE |
| 1003 | 12 June 2012 | Stadion Miejski (Wroclaw) | GRE | CZE |
| 1004 | 12 June 2012 | National Stadium, Warsaw | POL | RUS |
| ... | | | | |

### goal

| matchid | teamid | player | gtime |
|---|---|---|---|
| 1001 | POL | Robert Lewandowski | 17 |
| 1001 | GRE | Dimitris Salpingidis | 51 |
| 1002 | RUS | Alan Dzagoev | 15 |
| 1001 | RUS | Roman Pavlyuchenko | 82 |
| ... | | | |

### eteam

| id | teamname | coach |
|---|---|---|
| POL | Poland | Franciszek Smuda |
| RUS | Russia | Dick Advocaat |
| CZE | Czech Republic | Michal Bilek |
| GRE | Greece | Fernando Santos |
| ... | | |

1. You want to find the stadium where player 'Dimitris Salpingidis' scored. Select the JOIN condition to use:

```
eteam JOIN game ON (id=team1)
```

```
eteam JOIN game ON (id=team2)
```

```
eteam JOIN goal ON (teamid=id)
```

```
game  JOIN goal ON (id=matchid)
```

```
game  JOIN goal ON (team1=teamid OR team2=teamid)
```

2. You JOIN the tables **goal** and **eteam** in an SQL statement. Indicate the list of column names that may be used in the SELECT line:

```
gtime, mdate, stadium, matchid
```

```
mdate, stadium, id
```

```
matchid, teamid, player, gtime, id, teamname, coach
```

```
matchid, teamid, player, gtime, mdate, stadium, team1
```

```
stadium, team1, team2
```

3. Select the code which shows players, their team and the amount of goals they scored against Greece(GRE).

```
SELECT player, teamid, COUNT(*)
  FROM game JOIN goal ON matchid = id
 WHERE (team1 = "GRE" OR team2 = "GRE")
   AND teamid != 'GRE'
 GROUP BY player, teamid
```

```
SELECT player, teamid, COUNT(*)
  FROM game JOIN goal ON matchid = id
 WHERE (team1 = "GRE") AND teamid != 'GRE'
 GROUP BY player, teamid
```

```
SELECT player, teamid, COUNT(*)
  FROM game JOIN goal ON matchid = id
 WHERE (team1 = "POL" OR team2 = "POL")
   AND teamid != 'POL'
 GROUP BY player, teamid
```

```
SELECT player, teamid, COUNT(*)
  FROM game JOIN goal WITH matchid = id
 WHERE (team1 = "GRE" OR team2 = "GRE")
   AND teamid != 'GRE'
 GROUP BY player, teamid
```

```
SELECT player, teamid
  FROM game JOIN goal ON matchid = id
 WHERE (team1 = "GRE" OR team2 = "GRE")
   AND teamid != 'GRE'
 GROUP BY player, teamid
```

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

```
SELECT DISTINCT teamid, mdate
  FROM goal JOIN game on (matchid=id)
 WHERE mdate = '9 June 2012'
```

| DEN | 9 June 2012 |
|-----|-------------|
| GER | 9 June 2012 |

| DEN |
|-----|
| GER |

| DEN | 9 June 2012 |
|-----|-------------|
| DEN | 9 June 2012 |
| POL | 9 June 2012 |
| RUS | 9 June 2012 |

| GRE |
|-----|
| CZE |
| POL |
| RUS |

| RUS | 9 June 2012 |
|-----|-------------|
| GRE | 9 June 2012 |
| RUS | 9 June 2012 |
| CZE | 9 June 2012 |

5. Select the code which would show the player and their team for those who have scored against Poland(POL) in National Stadium, Warsaw.

```
SELECT DISTINCT player, teamid
  FROM game JOIN goal ON matchid = id
 WHERE stadium = 'National Stadium, Warsaw'
AND (team1 = 'GER' OR team2 = 'GER')
   AND teamid != 'GER'
```

```
SELECT DISTINCT player, teamid
  FROM game JOIN goal ON matchid = id
 WHERE stadium = 'National Stadium, Warsaw'
AND (team1 = 'POL' OR team2 = 'POL')
   AND teamid != 'POL'
```

```
SELECT DISTINCT player, teamid
  FROM game JOIN goal ON matchid = id
 WHERE stadium = 'National Stadium, Warsaw' AND teamid != 'POL'
```

```
SELECT DISTINCT player, teamid
  FROM game JOIN goal ON matchid = id
 WHERE stadium = 'Stadion Miejski (Wroclaw)'
AND (team1 = 'POL' OR team2 = 'POL')
   AND teamid != 'POL'
```

```
SELECT DISTINCT stadium, mdate
  FROM game JOIN goal ON matchid = id
 WHERE stadium = 'National Stadium, Warsaw'
```

```
    AND (team1 = 'POL' OR team2 = 'POL')
    AND teamid != 'POL'
```

6. Select the code which shows the player, their team and the time they scored, for players who have played in Stadion Miejski (Wroclaw) but not against Italy(ITA).

```
SELECT DISTINCT player, teamid, gtime
  FROM game JOIN goal ON matchid = id
 WHERE stadium = 'National Stadium, Warsaw'
   AND (( teamid = team2 AND team1 != 'ITA') OR ( teamid = team1 AND team2 != 'ITA'))
```

```
SELECT DISTINCT player, teamid, gtime
  FROM game JOIN goal ON matchid = id
 WHERE stadium = 'Stadion Miejski (Wroclaw)'
   AND (( teamid = team2 AND team1 != 'ESP') OR ( teamid = team1 AND team2 != 'ESP'))
```

```
SELECT DISTINCT player, teamid, gtime
  FROM game JOIN goal ON matchid = id
 WHERE stadium = 'Stadion Miejski (Wroclaw)'
   AND (( teamid = team2 AND team1 != 'ITA') OR ( teamid = team1 AND team2 != 'ITA'))
```

```
SELECT DISTINCT teamid, gtime
  FROM game JOIN goal ON matchid = id
 WHERE stadium = 'Stadion Miejski (Wroclaw)'
   AND (( teamid = team2 AND team1 != 'ITA') OR ( teamid = team1 AND team2 != 'ITA'))
```

```
SELECT DISTINCT player, teamid, gtime
  FROM game JOIN goal ON matchid = id
 WHERE team1 != 'ITA' AND team2 !='ITA'
```

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

```
SELECT teamname, COUNT(*)
  FROM eteam JOIN goal ON teamid = id
 GROUP BY teamname
HAVING COUNT(*) < 3
```

| 2 |
|---|
| 2 |
| 1 |
| 2 |

| Netherlands | 2 |
|---|---|
| Poland | 2 |
| Republic of Ireland | 1 |
| Ukraine | 2 |

| Netherlands |
|---|
| Poland |
| Republic of Ireland |
| Ukraine |

| Poland | 76 |
|---|---|

| Republic of Ireland | 1 |
|---|---|

Score the test

Your score is: 7 out of 7

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