

SQL Questions

(Done By:- Devdhar Kodiatar)

1. Which teams have won their respective leagues?

```
SELECT teamname
FROM Teams
WHERE standing=1;
```

```
"Manchester City"
"Bayern Munich"
"Barcelona"
"Paris Saint-Germain"
"PSV Eindhoven"
"Juventus"
"Celtic"
```

2. Write a query to print the total sending offs (red cards) and team name for each team in Europe.

```
SELECT teamname, SUM(sentoff) as total_sentoff
FROM Playerstats JOIN Teams
ON Playerstats.teamID=Teams.teamID
GROUP BY Teams.teamID;
```

```
"Manchester City"      "2.0"
"Manchester United"    "1.0"
"Tottenham Hotspur"    "2.0"
"Liverpool"            "1.0"
"Chelsea"              "4.0"
"Arsenal"              "2.0"
"Burnley"              "0.0"
"Everton"              "3.0"
"Leicester City"       "5.0"
"Newcastle United"     "2.0"
```

.....

```
"Rangers"             "5.0"
"Hibernian"           "1.0"
"Kilmarnock"          "3.0"
```

"Heart of Midlothian" "5.0"

"Motherwell" "4.0"

"St Johnstone" "4.0"

"Dundee" "2.0"

"Hamilton Academical" "8.0"

"Partick Thistle" "3.0"

"Ross County" "4.0"

(Only first and last ten are shown)

3. Write a query to print the player names, goals scored, assists made, of those players who have played more than half of the total games played by their respective teams, but their teams have finished last in the league.

```
SELECT playername, goals, assists
FROM Playerstats JOIN (SELECT * FROM Teams GROUP BY leagueID ) AS BottomTeams
ON Playerstats.teamID=Bottomteams.teamID
WHERE appearances>(games_played/2)
```

"Ahmed Hegazi" "2" "0"

"Ben Foster" "0" "0"

"Jay Rodriguez" "7" "0"

"Salomon Rondon" "7" "0"

"Jake Livermore" "2" "0"

"Kieran Gibbs" "0" "0"

"Matthew Phillips" "2" "0"

"James McClean" "1" "0"

"Allan Nyom" "0" "0"

"Craig Dawson" "2" "0"

.....

"Kenny van der Weg" "2" "0"

"Alex Schalk" "11" "4"

"Davis Kellior-Dunn" "3" "4"

"Ross Draper" "1" "0"

"Scott Fox" "0" "0"

"Christopher Routis" "2" "0"

"Jamie Lindsay" "2" "0"

"Andrew Davies" "1" "0"

"Jim O'Brien" "0" "0"

"Billy McKay" "3" "0"

(Only first and last ten are shown)

4. Write a query to print all the player names and the percentage of goals scored for their teams for the La Liga league.

```
SELECT playername, (1.0*goals/goals_scored)*100 AS percentage_of_goals
FROM playerstats JOIN Teams
ON Playerstats.teamID=Teams.teamID
WHERE leaguename='La Liga';
```

"Philippe Coutinho" "8.08080808080808"

"Gerard Deulofeu" "1.01010101010101"

"Marc Andre ter Stegen" "0.0"

"Lionel Messi" "34.3434343434343"

"Ivan Rakitic" "1.01010101010101"

"Paulinho" "9.09090909090909"

"Luis Suarez" "25.2525252525252"

"Jordi Alba" "2.02020202020202"

"Sergio Roberto" "1.01010101010101"

"Gerard Pique" "2.02020202020202"

.....

"Andres Prieto" "0.0"

"Cifu" "0.0"

"Emanuel Cecchini" "0.0"

"Alex Robles" "0.0"

"Ivan Rodriguez" "0.0"

"Alberto Lopez" "0.0"

"Juan Cruz" "0.0"

"Jose Carlos Sanchez" "0.0"

"Cenk Gonen" "0.0"

"Ian Pino" "0.0"

(Only first and last ten are shown)