

## SQL Task

Team Table

TeamName	YearFounded	CupsWon
Chelsea Bun F.C.	1905	7
Tottenal	1886	14
Manu City	1878	12
Liverton	1892	7

Player Table

Surname	FirstName	TeamName	Position	Nationality
Striker	Alfred	Chelsea Bun F.C.	Forward	English
Header	Barry	Tottenal	Defender	Welsh
Wall	Brian	Manu City	Forward	Scottish
Champion	Danny	Manu City	Forward	Irish
Winner	Fred	Liverton	Goalkeeper	English

The two tables **Team** and **Player** form a relational database

1. Write down the result of the SQL statement:

```
SELECT Surname, FirstName, Position
FROM Player
WHERE Country='England'
```

Striker	Alfred	Forward
Winner	Fred	Goalkeeper

2. Write down the result of the SQL statement:

```
SELECT Surname, FirstnName, Position
FROM Player
WHERE Country='England' AND Position='Forward'
```

Striker	Alfred	Forward
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3. Write an SQL statement to select all the fields from the **Player** table

```
SELECT *
FROM Player
```

4. Write an SQL statement to select all the **Surname**, **FirstName** and **TeamName** from the **Player** table

```
SELECT Surname, FirstName, TeamName
FROM Player
```

5. Write an SQL statement to select the **Surname** and **FirstName** of the players who play for **Manu City** from the **Player** table

```
SELECT Surname, FirstName, TeamName
FROM Player
WHERE TeamName='Manu City'
```

6. Write an SQL statement to select the **Surname** and **FirstName** of the players who play in the **Forward** position and are whose nationality is **English**

```
SELECT Surname, FirstName, TeamName
FROM Player
WHERE Position='Forward' and Nationality='English'
```

7. Write an SQL statement to select all the **Surname**, **FirstName** and **TeamName** from the **Player** table and sort in ascending order by surname

```
SELECT Surname, FirstName, TeamName
FROM Player
ORDER BY Surname
```

8. Write an SQL statement to add a new record to the **Player** table with the following fields:

Surname	FirstName	Team	Position	Nationality
Var	Brian	Tottenal	Midfield	Irish

```
INSERT INTO Player VALUES
('Var','Brian','Tottenal','Position','Nationality')
```

9. Write an SQL statement to remove the following record from the **Player** table:

Surname	FirstName	TeamName	Position	Nationality
Champion	Danny	Manu City	Forward	Irish

```
DELETE FROM Player
WHERE Surname='Champion'
```

10. Brian Wall has transferred to Tottenal. Update the **Player** table to reflect this change

```
UPDATE Player  
SET TeamName  
WHERE surname='Wall'
```

11. Write down the result of the SQL statement:

```
SELECT Player.Surname, Player.FirstName, Team.TeamName, Team.CupsWon  
FROM Player, Team  
WHERE Player.Position='Forward' AND Team.TeamName = Player.TeamName  
ORDER BY Player.Surname ASC
```

Striker	Alfred	Chelsea Bun F.C.	7
Wall	Brian	Manu City	12
Winner	Fred	Liverton	7