

[Solid underline means 'primary key' of that table and dotted underline means 'foreign key' referencing the 'primary key' of the second table.]

1. Write the necessary DDL for creating the following tables:
 - a. Footballer(playerID, playerName, teamID, height, strongFoot, nationality, totalGoals)
 - b. Team(Id, name, country, totalTrophies)
2. Suppose I have created a table where I have accidentally given type varchar2 (255) for the column 'AGE' which is wrong. Now write the appropriate command for changing this column to the proper type.
3. Write sql the commands for creating an user named "yourName" with the password "dbmsID"
["YourName" means you should use your own name. "dbmsID" means you should use passwords like "dbms160041001" and so on.]

Write the commands to enable the user to login in the database and create new tables.

4. Suppose you have created a table called 'EMP_New' (id, name) where 'id' is the primary key. But later on you found out that you want to add a new column to the table called 'DeptID' which will work as a foreign key for this table referencing to the 'ID' column of the 'department' table.
Just write the statement for adding this new foreign key after creating the main table.
5. Write the commands for selecting all the users of my database in sorted manner based on username.
6. Create the following table, insert data and write the proper sql statements.

Players

<u>SSN</u>	NAME	<u>CLUBID</u>	NATIONALITY	Age
1	RONALDO	11	PORTUGAL	33
2	MESSI	12	ARGENTINA	30
3	HAZARD	13	BELGIUM	27
4	ZLATAN	17	SWEDEN	36
5	ZIDAN	11	FRANCE	45
6	KDB	15	BELGIUM	26
7	RONALDINHO	12	BRAZIL	37
8	NESTA	14	ITALY	41
9	MALDINI	14	ITALY	49
10	MARCELO	11	BRAZIL	29
11	SUAREZ	12	URUGUAY	31
12	NEYMAR	16	BRAZIL	26

CLUB		
ID	NAME	COUNTRY
11	REAL MADRID	SPAIN
12	BARCELONA	SPAIN
13	CHELSEA	ENGLAND
17	UNITED	ENGLAND
15	CITY	ENGLAND
16	PSG	FRANCE
14	MILAN	ITALY

- i. Show the number of clubs belonging to each particular country from the club table.
- ii. Show the name of the youngest player.
- iii. Show the team names where the age of it's youngest player is less than 30.
- iv. Show the name and age of all Italian players.
- v. Show the name of players who play in a club belonging to his motherland.
- vi. Make a table showing the player names along with the club names.
- vii. Show the records of all players playing either in club 11 or 14.
- viii. Show the detail of the players where the age is more than the average age of the table.
- ix. Make a sorted list of the player table based on name and clubID.
- x. What is the number of unique nationality in the 'players' tables?
- xi. Select all the players other than the youngest player of the player table.
- xii. Show the nationalities having more than one player.
- xiii. Show the record of the most senior ITALIAN player.
- xiv. Show the country name along with the number of clubs belonging to that country where the total number of clubs must be more than 1.
- xv. Show the Club details who have only one player entry in the players table.
- xvi. Show the clubID and oldest player of each team.
- xvii. All a new row to the club table (18,Juventus,Italy)
- xviii. Update the clubID of 'KDB' to 18.
- xix. What will be the age of the players after 5 years? [don't use update statement]
- xx. Delete all the players of clubID 12.