

SQL PROJECT

FIFA DATABASE PROJECT

I. Create the database

```
create database if not exists fifa_database;
```

II. Use database

```
use fifa_database;
```

Create the schema based on the following details

Name	Data Type
ID	string
Home	string
Away	string
Stage	string
Scorer	string
Scoring_Team	string
Type	string

III. Create a table with above details

```
create table if not exists match_details(  
    ID varchar(50) not null,  
    Home varchar(255) not null,  
    Away varchar(255) not null,  
    Stage varchar(255) not null,  
    Scorer varchar(255) not null,  
    ScoringTeam varchar(255) not null,  
    Type varchar(255) not null  
);
```

IV. Import the csv file into match_details using table with data table import wizard

1. Show the top 10 rows of match details table

- `select * from match_details limit 10;`

2. Remove the duplicate rows using the id column

- `select ID, count(ID) from match_details
group by ID
having count(ID)>1;`

`select distinct* from match_details;`

3. Creating the non duplicate data table and adding all the unique rows

- `create table non_duplicate_data
select distinct * from match_details;`

4. Deleting the original table(match_details)

- `drop table match_details;`

5. Altering the non duplicate data table to original table

- `alter table non_duplicate_data rename match_details;`

6. removed all the duplicates from the original table

- `select ID, count(ID) from match_details
group by ID
having count(ID)>1;`

7. Write a query to show the scorer name and how many goal scored then store the data in to another table called scorer

- select scorer, count(id) as goal
from match_details group by Scorer;
- create table if not exists scorer select scorer, count(id) as goal
from match_details
group by Scorer;
- create table if not exists scoring select scorer, count(id) as goal
from match_details
group by Scorer;

8. Write a query to show the scorer with the most goals?

- select * from scorer order by goal desc;

9. Write a query to type of goal scored by players and also return the count of type.

- select type , count(*) from match_details
group by type;

10. Write a query to type of goal scored by players and also return the count of type ascending order.

- select type , count(*) as number_of_type_goal from
match_details
group by type
order by number_of_type_goal asc;