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Report of Project1

1. Steps to run the Queries(project1):

1. Downloaded the provided folder and extracted all files.
2. Downloaded all CSV files
3. Used packages like pandas, MySQL. Connector, pyodbc(if required)
4. Firstly, I have tried to use MySQL workbench, Created the tables and provided the required constraint and used to upload the data using CSV files.

5. Developed Python files and write code inside them for connectivity and connected data through tables.

2. Files:

1. For inserting country records, Created the file name Country.py
2. For inserting match results records, Created the File name file namematch_records.py
3. For inserting player assist goals records. Created the file name Insert player_assist_goals

4. For inserting player records. Created the file name players.py
5. For inserting player_cards. Created the file name player_cards
6. Spool/File text

3. Create Spool file/Text File:

Text file containing all the data inserted throughout the tables.

4. Queries:

1) SELECT `Country`.`Country_Name`,
   `Country`.`Population`,
   `Country`.`No_of_Worldcup_won`,
   `Country`.`Manager`
FROM `Soccer`.`Country`;
SELECT * FROM Soccer. Country;

2) SELECT `match_results`.`Match_id`,

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    `match_results`.`Date_of_Match`,
    `match_results`.`Start_Time_Of_Match`,
    `match_results`.`Team1`,
    `match_results`.`Team2`,
    `match_results`.`Team1_score`,
    `match_results`.`Team2_score`,
    `match_results`.`Stadium_Name`,
    `match_results`.`Host_City`
FROM `Soccer`.`match_results`;
SELECT * FROM Soccer.match_results;

3) SELECT `PLAYER_ASSISTS_GOALS`.`Player_id`,
    `PLAYER_ASSISTS_GOALS`.`No_of_Matches`,
    `PLAYER_ASSISTS_GOALS`.`Goals`,
    `PLAYER_ASSISTS_GOALS`.`Assists`,
    `PLAYER_ASSISTS_GOALS`.`Minutes_Played`
FROM `Soccer`.`PLAYER_ASSISTS_GOALS`;
SELECT * FROM Soccer. PLAYER_ASSISTS_GOALS;


4) SELECT `PLAYER_CARD`.`Player_id`,
    `PLAYER_CARD`.`No_of_Yellow_cards`,
    `PLAYER_CARD`.`No_of_Red_cards`
FROM `Soccer`.`PLAYER_CARD`;
SELECT * FROM Soccer. PLAYER_CARD;


5) SELECT `Players`.`Player_id`,
    `Players`.`Name`,
    `Players`.`Fname`,
    `Players`.`Lname`,
    `Players`.`DOB`,
    `Players`.`Country`,
    `Players`.`Height`,
    `Players`.`Club`,
    `Players`.`Position`,
    `Players`.`Caps_for_country`,
    `Players`.`IS_CAPTAIN`
FROM `Soccer`.`Players`;
SELECT * FROM Soccer. Players;
```