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# Create the Football database
CREATE DATABASE Football;

# Create the Clubs table
CREATE TABLE Clubs (
    id INT PRIMARY KEY,
    name VARCHAR(50) NOT NULL UNIQUE,
    founded_at DATE NOT NULL
);

# Create the Players table
CREATE TABLE Players (
    id INT PRIMARY KEY,
    name VARCHAR(50) NOT NULL,
    date_of_birth DATE NOT NULL,
    height INT NOT NULL,
    weight INT NOT NULL,
    status VARCHAR(20) NOT NULL CHECK(status IN
('injured', 'still', 'retired')),
    club_id INT,
    FOREIGN KEY (club_id) REFERENCES Clubs(id)
);

# Create the Stadium table
CREATE TABLE Stadium (
    id INT PRIMARY KEY,
    name VARCHAR(50) NOT NULL,
    capacity INT NOT NULL
);

# Create the football_match table
CREATE TABLE football_match (
    id INT PRIMARY KEY,
    club_id1 INT,
    club_id2 INT,
    match_date DATE NOT NULL,
    stadium_id INT,
    FOREIGN KEY (stadium_id) REFERENCES
Stadium(id),
    FOREIGN KEY (club_id1) REFERENCES
Clubs(id),
    FOREIGN KEY (club_id2) REFERENCES
Clubs(id)
);

-- Create the Match_Results table
CREATE TABLE Match_Results (
    match_id INT NOT NULL,
    club1_goals INT NOT NULL,
    club2_goals INT NOT NULL,
    FOREIGN KEY (match_id) REFERENCES
football_match(id)
);

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# Insert

insert into clubs values (001,'Tuwaiq Academy','2019/08/01');
insert into clubs values (002,'Harvard University','1636/10/28');

INSERT INTO players values
(101,'Mohammed','2000/04/20',180,80,'still',001);
INSERT INTO players values
(102,'Hashim','2001/01/01',180,80,'still',001);
INSERT INTO players values (103,'Ahmad','2001/01/01',180,80,'still',001);
INSERT INTO players values (104,'Essa','2000/01/01',180,80,'still',001);

INSERT INTO players values (201,'John','2000/04/20',180,80,'still',002);
INSERT INTO players values (202,'Johnny','2001/01/01',180,80,'still',002);
INSERT INTO players values
(203,'Johnson','2001/01/01',180,80,'still',002);
INSERT INTO players values
(204,'Joseph','2000/01/01',180,80,'still',002);

insert into stadium values (01,'King Fahd Stadium',58398);

insert into football_match values (01,001,002,'2024/12/01',01);

insert into match_results values (01,5,2);

# update

update clubs set founded_at='2019/08/08' where id=001;

#delete

delete from players where id=104;
delete from players where id=204;

# SELECT

#clubs

select * from clubs;

#players for team 1

select * from players where club_id= 001;

#players for team 2

select * from players where club_id= 002;

# Stadium

select * from stadium;

# available matches

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SELECT
    CONCAT(club1.name, ' vs ', club2.name) AS match_teams,
    football_match.match_date,
    Stadium.name AS stadium_name
FROM
    football_match
    JOIN
    Clubs AS club1 ON football_match.club_id1 = club1.id
    JOIN
    Clubs AS club2 ON football_match.club_id2 = club2.id
    JOIN
    Stadium ON football_match.stadium_id = Stadium.id;

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# match results

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SELECT
    CONCAT(club1.name, ' vs ', club2.name) AS match_teams,
    CONCAT(match_results.club1_goals, ' - ', match_results.club2_goals)
AS match_score
FROM
    football_match
    JOIN
    Clubs AS club1 ON football_match.club_id1 = club1.id
    JOIN
    Clubs AS club2 ON football_match.club_id2 = club2.id
    JOIN
    Match_Results AS match_results ON football_match.id =
match_results.match_id;

```