```
cqlsh

describe keyspaces

DROP KEYSPACE up_albouh01;

CREATE KEYSPACE up_albouh01 WITH replication = {'class': 'SimpleStrategy',
'replication_factor': 3};

USE up_albouh01;

-- Create a table to store football matches
CREATE TABLE IF NOT EXISTS football_matches (
    match_id UUID PRIMARY KEY,
    teams map<text, text>,
    scores list<int>,
    match_date timestamp,
    stadium text
);

-- Create a table to store teams
CREATE TABLE IF NOT EXISTS teams (
    team_id UUID PRIMARY KEY,
    team_name text,
    city text
);

-- Create a table to store players
CREATE TABLE IF NOT EXISTS players (
    player_id UUID PRIMARY KEY,
    player_name text,
    team_id UUID,
    position text
);

-- Insert teams
INSERT INTO teams (team_id, team_name, city) VALUES (uuid(), 'Real Madrid',
'Madrid');
INSERT INTO teams (team_id, team_name, city) VALUES (uuid(), 'Barcelona',
'Barcelona');
INSERT INTO teams (team_id, team_name, city) VALUES (uuid(), 'Bayern
Munich', 'Munich');

-- Insert players


SELECT team_id FROM teams WHERE team_name = 'Real Madrid' ALLOW
```

```sql
FILTERING;
INSERT INTO players (player_id, player_name, team_id, position)
            ... VALUES (uuid(), 'Cristiano Ronaldo',
21c1d29f-9411-41a7-8577-18c08f3fb2d4, 'Forward');


SELECT team_id FROM teams WHERE team_name = 'Barcelona' ALLOW
FILTERING;
INSERT INTO players (player_id, player_name, team_id, position)
VALUES (uuid(), 'Lionel Messi',1e241ffd-3829-4e04-ac1a-11174ebf793a  ,
'Forward');

SELECT team_id FROM teams WHERE team_name = 'Bayern Munich' ALLOW
FILTERING;
INSERT INTO players (player_id, player_name, team_id, position)
VALUES (uuid(), 'Robert Lewandowski', 2bf63bb0-ef3f-4231-ab9a-
e782cadab1ea, 'Striker');


-- Insert football matches
INSERT INTO football_matches (
    match_id, teams, scores, match_date, stadium
) VALUES (
    uuid(),
    {'home': 'Real Madrid', 'away': 'Barcelona'},
    [2, 1],
    '2023-12-22',
    'Santiago Bernabeu'
);

-- Insert another football match
INSERT INTO football_matches (
    match_id, teams, scores, match_date, stadium
) VALUES (
    uuid(),
    {'home': 'Barcelona', 'away': 'Bayern Munich'},
    [3, 2],
    '2023-12-25',
    'Camp Nou'
);

-- Update the score for the first football match
SELECT match_id FROM football_matches
WHERE teams['home'] = 'Real Madrid' AND teams['away'] = 'Barcelona'
ALLOW FILTERING;

UPDATE football_matches SET scores = [3, 1]
```

```sql
WHERE match_id = 44eda056-13e0-4547-ab62-f48cd1dbedd0;

-- Retrieve information about Real Madrid home matches
SELECT * FROM football_matches
WHERE teams['home'] = 'Real Madrid'
ALLOW FILTERING;

-- Retrieve all teams
SELECT * FROM teams;

-- Retrieve the team_id for 'Real Madrid'
SELECT team_id FROM teams WHERE team_name = 'Real Madrid' ALLOW
FILTERING;


-- Retrieve players for 'Real Madrid'
SELECT * FROM players WHERE team_id =
21c1d29f-9411-41a7-8577-18c08f3fb2d4 ALLOW FILTERING;
```