Part1A

Players ( pid, tid name, handle, gender, dob, country)

Teams ( tid, tname , dateFormed, datedisbanded)

Events ( eid, ename, prizeAmount, location, date, EventWinner)

Matches ( matchID, Eid,team1, team2,matchWinner)

Games (gameid, matchID, GameWinner)

Part1B: attached “part1b.jpg”

Part1C : attached as “part1c.sql”

Part1D: please find the attached file

Answers:

1) select name,dob from players where gender='female';

+------------+------------+

| name | dob |

+------------+------------+

| boogiman | 1992-02-04 |

| undertaker | 1983-03-11 |

| sansa | 1989-09-23 |

+------------+------------+

3 rows in set (0.00 sec)

2) select handle,name from players where country="India";

+-----------------+----------+

| handle | name |

+-----------------+----------+

| danger | krishna |

| smoker | surya |

| danger | prabhu |

| eater | kumar |

| super man | obama |

| iphone6plus | justine |

| danger | john |

| devils | dakota |

| daffa | jim |

| jaffa | harry |

| clawn | max |

| joker | pit |

| superman | kumar |

| avenger | modi |

| puncher | kiran |

| killer | sriram |

| counter striker | ravi |

| magnet | venkat |

| power punch | scott |

| blood sucker | santhosh |

| devilkiller | siva |

| snipper | ramesh |

| killer | rahul |

| dragon | swaroop |

+-----------------+----------+

24 rows in set (0.00 sec)

3) List all matches where one team swept the other (i.e., the score was 3 games to 0).

select matchid, count(matchid) as k from games group by matchid having k=3;

+---------+---+

| matchid | k |

+---------+---+

| 2 | 3 |

| 3 | 3 |

| 5 | 3 |

+---------+---+

3 rows in set (0.00 sec)

4) How much total prize money has been given out since the tournament began?

select sum(prizeamount) from events;

+------------------+

| sum(prizeamount) |

+------------------+

| 60000 |

+------------------+

1 row in set (0.00 sec)

5) How many teams are still active?

select count(\*) from teams where datedisbanded is null;

+----------+

| count(\*) |

+----------+

| 9 |

+----------+

1 row in set (0.00 sec)

6) List the real names of players from the defunct teams, without repetition.

select name from players where tid in (select tid from teams where datedisbanded is not null);

+------------+

| name |

+------------+

| boogiman |

| undertaker |

| kane |

| tyrion |

| sansa |

| mountain |

+------------+

6 rows in set (0.00 sec)

7) Which team has been the most successful (won the most money)?

select eventwinner from events group by eventwinner order by sum(prizeamount) desc limit 1;

+-------------+

| eventwinner |

+-------------+

| 1 |

+-------------+

1 row in set (0.00 sec)

8) Which team has been the winningest (won the most matches)?

mysql> select eventwinner from events group by eventwinner order by count(eventw

inner) desc limit 1;

+-------------+

| eventwinner |

+-------------+

| 1 |

+-------------+

1 row in set (0.00 sec)

9) How much money has player [prabhu] won at tournaments, and playing for which teams?

select sum(prizeamount),eventwinner from events group by eventwinner having eventwinner in (select tid from players where name="prabhu");

+------------------+-------------+

| sum(prizeamount) | eventwinner |

+------------------+-------------+

| 20000 | 1 |

+------------------+-------------+

1 row in set (0.06 sec)

10) Another query of your choosing. Ask something interesting about your data.

Percentage of wins of the team 1?

select(((select count(\*) from events where eventwinner=1) / (select count(\*) from events))\*100)as percentage;

+------------+

| percentage |

+------------+

| 33.3333 |

+------------+

1 row in set (0.00 sec)