

We have to conduct an Olympic game and our database will manage the following things i.e. matches, match winners, doping, organization of various events, stadium details, player details, and ticket details.

SQL QUERIES TO CREATE TABLES AND INSERT DATA

```
create table olympic_game(
```

```
year int primary key, type
```

```
varchar(20), location
```

```
varchar(20), website
```

```
varchar(50), theme
```

```
varchar(20)
```

```
);
```

```
insert into olympic_game
```

```
values(2016,'summer','rio','www.rio2016.com','playing');
```

```
insert into olympic_game
```

```
values(2012,'summer','london','www.london2012.com','game is life');
```

```
insert into olympic_game
```

```
values(2008,'winter','beijing','www.beijing2008.com','divyam');
```

```
insert into olympic_game
```

```
values(2004,'summer','athens','www.athens2004.com','grow');
```

```
insert into olympic_game
```

```
values(2000,'summer','sydney','www.sydney2000.com','think');
```

```
create table volunteer_details(  vid int primary key,  vname
varchar(20),  work_assign varchar(20),  age int,  year int,
    foreign key (year) references olympic_game (year)
);
```

```
insert into volunteer_details values(121,'star','jump',18,2012);
```

```
insert into volunteer_details values(122,'grp','help',21,2016);
```

```
insert into volunteer_details values(123,'frnd','bottle',23,2000);
```

```
insert into volunteer_details values(124,'hari','drink',19,2008);
```

```
create table committee(
mid int primary key,
cname varchar(20),
position varchar(20),  year
int,  foreign key (year)
references olympic_game
(year)
);
```

```
insert into committee values(131,'draft','front',2004); insert  
into committee values(132,'governing','back',2012); insert  
into committee values(133,'manage','lookup',2016); insert  
into committee values(134,'sports','staff',2008);
```

```
create table games(  
    no_of_players int,    game_name varchar(20)  
primary key,    year int,    foreign key (year)  
references olympic_game (year)  
);
```

```
insert into games values(4,'athletics',2012);  
insert into games values(11,'football',2016);  
insert into games values(11,'hockey',2008); insert  
into games values(7,'volleyball',2004); insert into  
games values(6,'basketball',2000);
```

```
create table stadium(  
  st_id int primary key,  
    time timestamp,  
  mdate date,  
    st.name varchar(20),  
  game_name varchar(20),  
    slocation varchar(20),    distance_from_ov int,  
  capacity int,    foreign key (game_name) references games  
  (game_name)  
);
```

```
insert into stadium values(141,'12:11:20 10-jan-2016','10-jan-  
2016','great_stadium','near to rio',12,3454);
```

```
insert into stadium values(142,'10:11:20 10-jan-2012','10-jan-  
2012','london_stadium','manchestor',5,85435);
```

```
insert into stadium values(143,'05:11:20 10-jan-2008','10-jan-2008','huan  
wah_stadium','chi chnag',25,90657);
```

```
insert into stadium values(144,'01:45:20 10-feb-2004','10-  
feb2004','salah_stadium','otamendi athens greek ',7,68734);
```

```
create table ticket_details(  
    tno int primary key,    seat_no int,  
    customer_name varchar(20),  
    phone_no int,    st_id int,  
        foreign key (st_id) references stadium (st_id)  
);
```

```
insert into ticket_details values(161,786,'drohit',22456,141);  
insert into ticket_details values(162,500,'brohit',12456,142);  
insert into ticket_details values(163,980,'jack',32456,143);  
insert into ticket_details values(164,340,'king',42456,143);
```

```
create table teams(    country  
    varchar(10) ,    captain_id int  
    primary key,    game_name  
    varchar(20),    foreign key  
    (game_name) references games  
    (game_name)  
);
```

```
insert into teams values('india',201); insert  
into teams values('australia',202); insert  
into teams values('pakistan',203); insert  
into teams values('england',204);
```

```
create table staff(  
    sid int primary key,  sname varchar(20),  sexperience int,  
    captain_id int,  foreign key (captain_id) references teams  
    (captain_id)  
);
```

```
insert into staff values(300,'ab',10,201);  
insert into staff values(301,'de',9,202); insert  
into staff values(302,'vi',12,203); insert into  
staff values(303,'ll',15,204); insert into staff  
values(304,'ers',14,202); insert into staff  
values(305,'mc',10,204);
```

```
create table players(  
    pid int primary key,    pname varchar(20),    role  
    varchar(20),    played_since int,    hotel_no int,  
    captain_id int,    foreign key (captain_id) references teams  
    (captain_id)  
);
```

```
insert into players values(201,'rathod','batsman',1999,901,201);  
insert into players values(202,'dhoni','keeper',1989,901,201); insert  
into players values(203,'kohli','batsmen',1999,901,201); insert into  
players values(204,'sachin','goalkeeper',1979,901,201); insert into  
players values(205,'rohit','bowler',1999,901,201); insert into  
players values(206,'yuvraj','allrounder',1999,901,201); insert into  
players values(207,'raina','fielder',199,901,201); insert into players  
values(208,'hardik','finisher',1999,901,201); insert into players  
values(209,'gambhir','middle',1999,901,201); insert into players  
values(210,'sehwag','batsmen',1999,901,201); insert into players  
values(211,'dhawan','striker',1999,901,201); insert into players  
values(212,'rahul','nonstriker',1999,901,201); insert into players
```



```
values(213,'panth','backsider',1999,901,201); insert into players
values(214,'messi','forward',1999,901,201); insert into players
values(215,'kelly','defender',2005,902,202); insert into players
values(216,'ronaldo','midfielder',2001,903,203); insert into players
values(217,'tiger_woods','forward',2000,904,204);
```

```
create table NADA_team(
nada_id int primary key,
role varchar(20),
experience int, nd_name
varchar(20),    year int,

foreign key (year) references olympic_game (year);
);
```

```
insert into NADA_team values(151,'leader',40,'david',2004);
insert into NADA_team values(152,'lawyer',30,'warner',2004);
insert into NADA_team values(153,'police',15,'chris',2012);
insert into NADA_team values(154,'doctor',25,'gayle',2008);
```

```
create table player_doped(      pid int,      nada_id int,  
case varchar(50);      foreign key (nada_id) references  
NADA_team (nada_id),      foreign key (pid) references  
players (pid),  
      primary key(pid,nada_id)  
);
```

```
insert into player_doped values(211,151,'drugs');  
insert into player_doped values(212,151,'drink'); insert  
into player_doped values(213,152,'indiscipline'); insert  
into player_doped values(214,153,'drugs');
```

```
create table medalists(  
      pid int,      medal_won  
varchar(10),      year int,  
      foreign key (year) references olympic_game (year),  
foreign key (pid) references players (pid),  
      primary key(pid,year)
```

);

insert into medalist values(201,'gold',2004); insert
into medalist values(202,'silver',2008); insert into
medalist values(203,'bronze',2012); insert into
medalist values(204,'silver',2016); insert into
medalist values(205,'gold',2016); insert into
medalist values(206,'gold',2016); insert into
medalist values(207,'bronze',2016); insert into
medalist values(208,'silver',2016); insert into
medalist values(209,'silver',2016); insert into
medalist values(210,'silver',2016);