

Experiment 2

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Subject: DWM

Class: TE4

Roll no: 46

Batch: D

Tables

```
1 create table time(  
2 time_id int not null,  
3 day int,  
4 month int,  
5 quarter int,  
6 year int,  
7 primary key(time_id)  
8 );  
9
```

```
1 create table game(  
2 game_id int not null,  
3 game_name varchar(20),  
4 description varchar(255),  
5 producer varchar(255),  
6 primary key(game_id)  
7 );  
8
```

```
1 create table location(  
2 location_id int not null,  
3 location_name varchar(255),  
4 city varchar(255),  
5 state varchar(255),  
6 country varchar(255),  
7 primary key(location_id)  
8 );|
```

```
1 create table spectator(  
2 spectator_id int not null,  
3 spectator_name varchar(255),  
4 type varchar(255),  
5 phone int,  
6 address varchar(255),  
7 primary key(spectator_id)  
8 );|
```

```
1 create table sales(  
2 time_id int references time(time_id),  
3 game_id int references game(game_id),  
4 location_id int references location(location_id),  
5 spectator_id int references spectator(spectator_id),  
6 charge int,  
7 count int  
8 );|
```

Table Data Insertion

```
1 insert into time values(1,20,4,2,2005);
2 insert into time values(2,26,9,3,2002);
3 insert into time values(3,17,5,2,2003);
4 insert into time values(4,14,6,3,2004);
5 insert into time values(5,18,12,4,2009);
6 insert into time values(6,2,10,3,2008);
7 insert into time values(7,10,11,4,2012);
8 insert into time values(8,29,8,3,2001);
9 insert into time values(9,7,2,1,2015);
10 insert into time values(10,9,1,1,2011);
```

```
1 insert into game values(1,'valo','fun','abc');
2 insert into game values(2,'pubg','kill','def');
3 insert into game values(3,'new state','thrill','ijk');
4 insert into game values(4,'cod','mobile game','lmn');
5 insert into game values(5,'subway','running','pqr');
6 insert into game values(6,'traffic racer','driving','rst');
7 insert into game values(7,'bgmi','simulation','tencent');
8 insert into game values(8,'coc','robbery','unity');
9 insert into game values(9,'san andreas','pc game','asd');
10 insert into game values(10,'chess','mind game','mimo');
```

```
1 insert into location values(1,'govandi','mumbai','maharashtra','india');
2 insert into location values(2,'panvel','new mumbai','maharashtra','india');
3 insert into location values(3,'shrinagar','jammu','Jammu & Kashmir','india');
4 insert into location values(4,'karad','karad','maharashtra','india');
5 insert into location values(5,'darjeeling','darjeeling','west bengal','india');
6 insert into location values(6,'shimla','shimla','uttarakhand','india');
7 insert into location values(7,'kamothe','new mumbai','maharashtra','india');
8 insert into location values(8,'cidco','dronagiri','maharashtra','india');
9 insert into location values(9,'kalyan','kalyan','maharashtra','india');
10 insert into location values(10,'surat','surat','gujrat','india');
```

```
1 Insert into
2 sales
3 Select t.time_id,
4       g.game_id,
5       l.location_id,
6       a.spectator_id
7 from time t
8       cross join game g
9       cross join location l
10      cross join spectator a;|
11
12
```