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Assignment: 05

Queries with Outputs

1. Creating database:

Create database Bigdata;

```
MariaDB [(none)]> Create database Bigdata;  
Query OK, 1 row affected (0.02 sec)
```

2. Creating Table Users:

Create table Users(Uid int not null, Name varchar(45)not null, Password varchar(35) Not null);

```
Query OK, 0 rows affected (0.46 sec)
```

```
MariaDB [bigdata]> show tables;
```

```
+-----+  
| Tables_in_bigdata |  
+-----+  
| users              |  
+-----+
```

3. Creating table dashboard:

Create table dashboard(Did int not null , Pannel varchar(45) not null);

```
create table dashboard(Did int not null , Pannel varchar(45) not null);  
ffected (0.78 sec)
```

4. Creating Table user_dashboard:

Create table user_dashboard(Did int not null, Uid int not null);

```
Create table user_dashboard(Did int not null, Uid int not null);  
affected (0.34 sec)
```

5. Primary key In Users:

Alter table users add constraint pk Primary Key(Uid);

```
alter table users add constraint pk Primary Key(Uid);  
affected (0.80 sec)
```

6. Primary key In dashboard:

Alter table dashboard add constraint pk Primary Key(Did);

```
alter table dashboard add constraint pk Primary key(Did);  
affected (0.80 sec)
```

7. Foreign Keys and Composite Primary key in User_dashboard:

Alter table user_dashboard add constraint fk1 foreign key(Uid) references users(Uid);

```
alter table user_dashboard add constraint fk1 foreign key(Uid) references users(Uid);  
affected (1.17 sec)
```

Alter table user_dashboard add constraint fk2 foreign key(Did) references dashboard(Did);

```
alter table user_dashboard add constraint fk2 foreign key(Did) references dashboard(Did);  
affected (1.85 sec)
```

Alter table user_dashboard add constraint PK Primary Key(Uid, Did);

```
alter table user_dashboard add constraint PK Primary Key(Uid, Did);  
ected (0.69 sec)
```

8. Insert Values in Users:

Insert into users(Uid , Name , Password) values(1001 , 'abc' , 'admin');

```
insert into users(Uid , Name , Password) values(1001 , 'abc' , 'admin');  
ected (0.09 sec)
```

Insert into users(Uid , Name , Password) values(1002 , 'xyz' , 'admin');

```
insert into users(Uid , Name , Password) values(1002 , 'xyz' , 'admin');  
ected (0.09 sec)
```

9. Insert Values in dashboard:

Insert into dashboard(Did , Pannel) values(1 , 'Board_1');

```
insert into dashboard(Did , Pannel) values(1 , 'Board_1');  
ected (0.08 sec)
```

Insert into dashboard(Did , Pannel) values(2 , 'Board_2');

```
insert into dashboard(Did , Pannel) values(2 , 'Board_2');  
ected (0.08 sec)
```

10. Insert values in user_dashboard:

insert into user_dashboard(Uid , Did) values(1001 , 1);

```
insert into user_dashboard(Uid , Did) values(1001 , 1);  
ected (0.08 sec)
```

insert into user_dashboard(Uid , Did) values(1001 , 2);

```
insert into user_dashboard(Uid , Did) values(1001 , 2);  
ected (0.10 sec)
```

```
insert into user_dashboard(Uid , Did) values(1002 , 2);
```

```
insert into user_dashboard(Uid , Did) values(1002 , 2);  
ected (1.00 sec)
```

11.Retrieve data from users:

```
select * from users;
```

```
MariaDB [bigdata]> select * from users;  
+-----+-----+-----+  
| Uid  | Name | Password |  
+-----+-----+-----+  
| 1001 | abc  | admin    |  
| 1002 | xyz  | admin    |  
+-----+-----+-----+
```

12.Retrieve data from dashboard:

```
select * from dashboard;
```

```
MariaDB [bigdata]> select * from dashboard;  
+-----+-----+  
| Did | Pannel |  
+-----+-----+  
| 1   | Board_1 |  
| 2   | Board_2 |  
+-----+-----+
```

13.Retrieve data from User_dashboard:

```
select * from User_dashboard;
```

```
MariaDB [bigdata]> select * from user_dashboard;
```

Did	Uid
1	1001
2	1001
2	1002