

Assignment: 07

Queries with Outputs

1. And Operator

select Name , Uid from users where users.Uid = 1001 and users.Name = 'Alex';

```
MariaDB [bigdata]>  
+-----+-----+  
| Name | Uid |  
+-----+-----+  
| Alex | 1001 |  
+-----+-----+
```

2. Or operator

Select Name from users where users.Uid = 1001 or users.Uid = 1002;

```
+-----+  
| Name |  
+-----+  
| Alex |  
| xyz  |  
+-----+  
2 rows in set (0.06 sec)
```

3. Between

select * from users where Uid between 1001 and 1003;

```
MariaDB [bigdata]> select  
+-----+-----+-----+  
| Uid | Name | Password |  
+-----+-----+-----+  
| 1001 | Alex | admin    |  
| 1002 | xyz  | admin    |  
+-----+-----+-----+  
2 rows in set (0.03 sec)
```

4. Like

select users.Uid from users where users.Name Like 'B%' or '___';

```
Empty set, 4 warnings (0.03 sec)
```

5. Union

select Uid from users union select Did from Dashboard;

Uid
1001
1002
1
2

6. Set

select * from users , Dashboard , User_Dashboard;

```
MariaDB [bigdata]> select * from users , Dashboard , User_Dashboard;
```

Uid	Name	Password	Did	Pannel	Did	Uid
1001	Alex	admin	1	Board_1	1	1001
1002	xyz	admin	1	Board_1	1	1001
1001	Alex	admin	2	Board_2	1	1001
1002	xyz	admin	2	Board_2	1	1001
1001	Alex	admin	1	Board_1	2	1001
1002	xyz	admin	1	Board_1	2	1001
1001	Alex	admin	2	Board_2	2	1001
1002	xyz	admin	2	Board_2	2	1001
1001	Alex	admin	1	Board_1	2	1002
1002	xyz	admin	1	Board_1	2	1002
1001	Alex	admin	2	Board_2	2	1002
1002	xyz	admin	2	Board_2	2	1002

```
12 rows in set (0.00 sec)
```

7. Complex Query

select users.Name , dashboard.pannel from users , dashboard ,
user_Dashboard where user_dashboard.Uid = users.Uid and
user_dashboard.Did = Dashboard.Did;

```
MariaDB [bigdata]> s  
ashboard.Did = Dashb  
+-----+-----+  
| Name | pannel |  
+-----+-----+  
| Alex | Board_1 |  
| Alex | Board_2 |  
| xyz  | Board_2 |  
+-----+-----+  
3 rows in set (0.00
```

8. Inner Join

select u.Name , d.pannel from users u inner join user_dashboard ud on ud.Uid =
= u.Uid inner join dashboard d on d.Did = ud.Did;

```
+-----+-----+  
| Name | pannel |  
+-----+-----+  
| Alex | Board_1 |  
| Alex | Board_2 |  
| xyz  | Board_2 |  
+-----+-----+  
3 rows in set (0.00 sec)
```

9. Left Join

select u.Name , d.pannel from users u Left join user_dashboard ud on ud.Uid =
u.Uid Left join dashboard d on d.Did = ud.Did;

```
+-----+-----+  
| Name | pannel |  
+-----+-----+  
| Alex | Board_1 |  
| Alex | Board_2 |  
| xyz  | Board_2 |  
+-----+-----+  
3 rows in set (0.00 sec)
```

10. Right Join

select u.Name , d.pannel from users u Right join user_dashboard ud on ud.Uid
= u.Uid Right join dashboard d on d.Did = ud.Did;

```
+----+ | Name | pannel | +----+
+----+ | Alex | Board_1 | +----+
+----+ | Alex | Board_2 | +----+
+----+ | xyz  | Board_2 | +----+
+----+ |      |      | +----+
3 rows in set (0.00 sec)
```