7. Joins –

- **EquiJoin –**

```
mysql> select*from student join order2 on student.ID = order2.ID;
+------+------------+---------+------+---------+
| ID   | Name       | City    | ID   | orderNO |
+------+------------+---------+------+---------+
|    1 | sharveshwar | chennai |    1 |       1 |
|    2 | gayathri   | chennai |    2 |       2 |
|    3 | hema       | chennai |    3 |       3 |
+------+------------+---------+------+---------+
3 rows in set (0.00 sec)

mysql>
```

- **Inner join –**

```
mysql> select*from student inner join order2 on student.ID = order2.ID;
+------+------------+---------+------+---------+
| ID   | Name       | City    | ID   | orderNO |
+------+------------+---------+------+---------+
|    1 | sharveshwar | chennai |    1 |       1 |
|    2 | gayathri   | chennai |    2 |       2 |
|    3 | hema       | chennai |    3 |       3 |
+------+------------+---------+------+---------+
```

- **Outer join –**

```
mysql> select*from student left join order2 on student.ID = order2.ID;
+------+------------+---------+------+---------+
| ID   | Name       | City    | ID   | orderNO |
+------+------------+---------+------+---------+
|    1 | sharveshwar | chennai |    1 |       1 |
|    2 | gayathri   | chennai |    2 |       2 |
|    3 | hema       | chennai |    3 |       3 |
|    4 | abitha     | chennai | NULL |    NULL |
+------+------------+---------+------+---------+
4 rows in set (0.00 sec)

mysql> select*from student right join order2 on student.ID = order2.ID;
+------+------------+---------+------+---------+
| ID   | Name       | City    | ID   | orderNO |
+------+------------+---------+------+---------+
|    1 | sharveshwar | chennai |    1 |       1 |
|    2 | gayathri   | chennai |    2 |       2 |
|    3 | hema       | chennai |    3 |       3 |
+------+------------+---------+------+---------+
3 rows in set (0.00 sec)
```