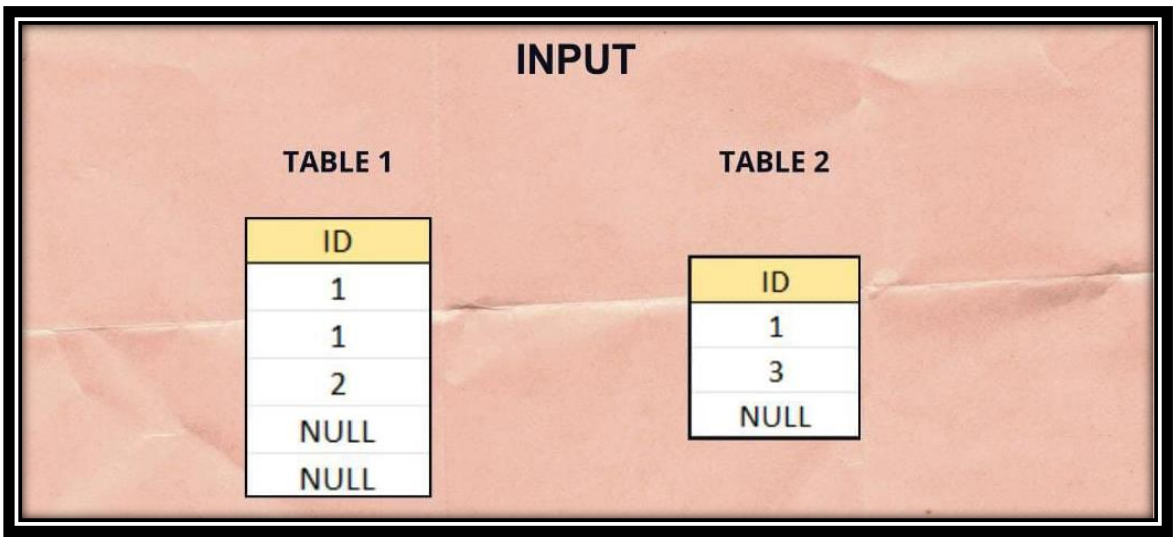
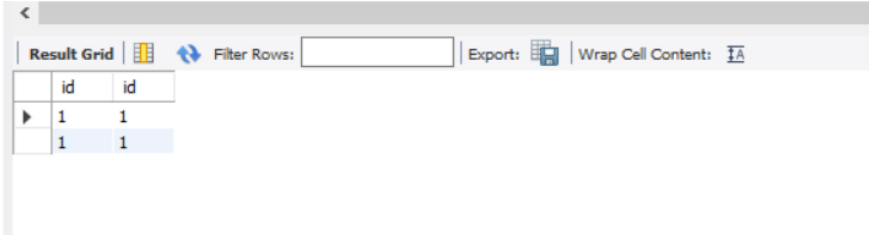
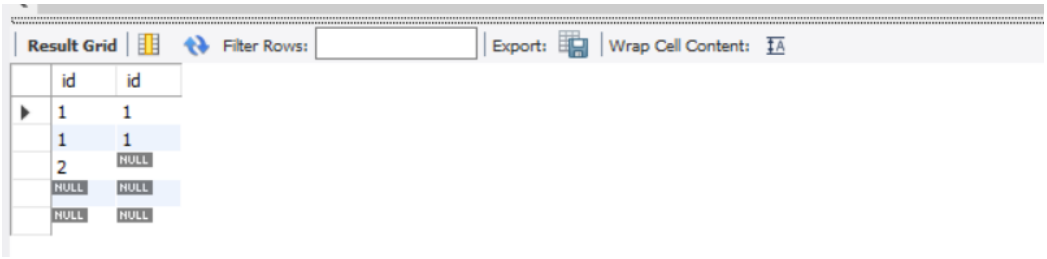
Question-1



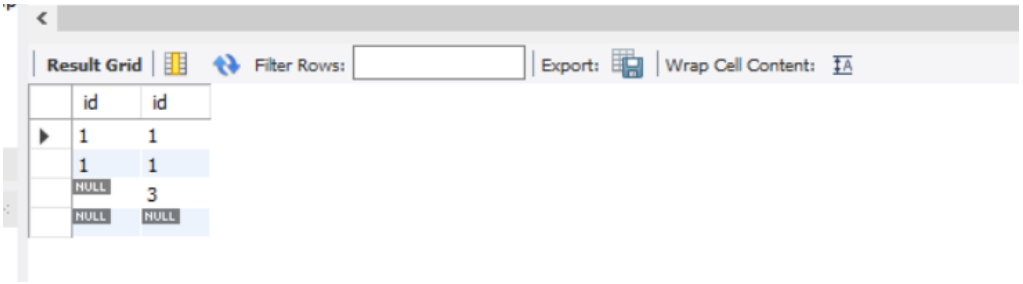

```
create table tbl1
(
id int
);
insert into tbl1 values(1),(1),(2),(NULL),(NULL);
select * from tbl1

create table tbl2
(
id int
);
insert into tbl2 values(1),(3),(NULL);
select * from tbl2

select * from tbl1 inner join tbl2 on tbl1.id=tbl2.id
```



select * from tbl1 left join tbl2 on tbl1.id=tbl2.id



select * from tbl1 right join tbl2 on tbl1.id=tbl2.id



--------Full Outer join is not support in MySQL but we can use with the combination of them-------

SELECT * FROM tbl1

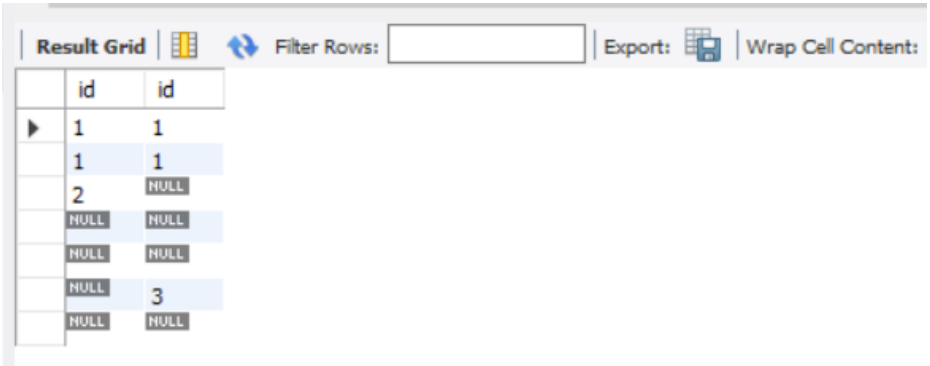
LEFT JOIN tbl2 ON tbl1.id = tbl2.id

UNION ALL

SELECT * FROM tbl1

RIGHT JOIN tbl2 ON tbl1.id = tbl2.id

WHERE tbl1.id IS NULL



Question-2

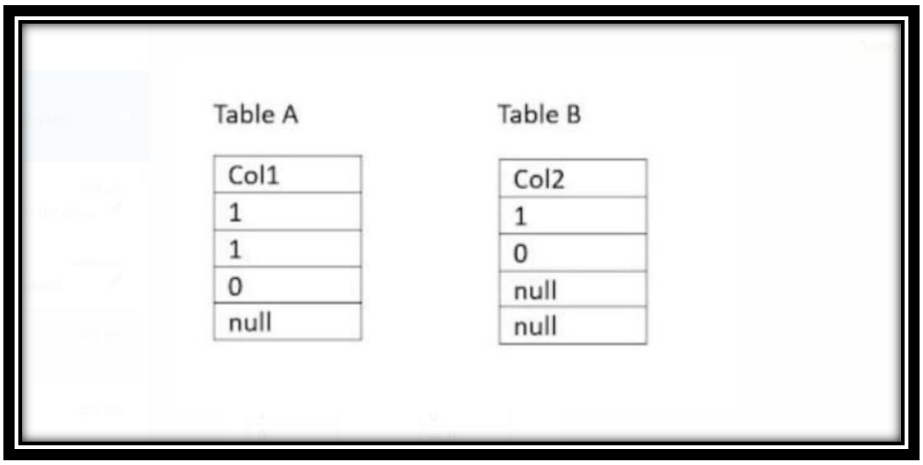


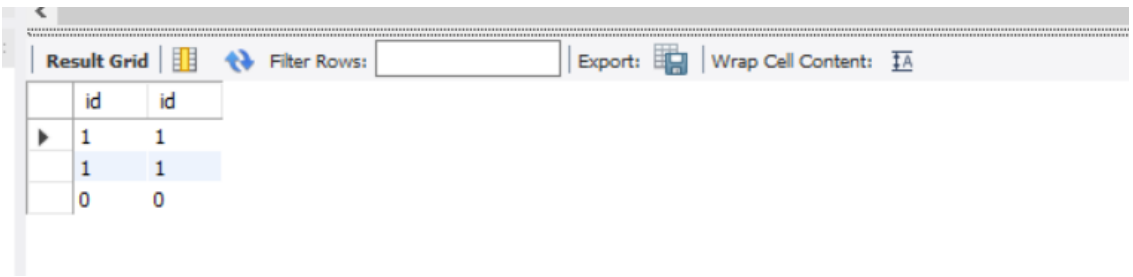
Table A

Col1
1
1
0
null

Table B

Col2
1
0
null
null

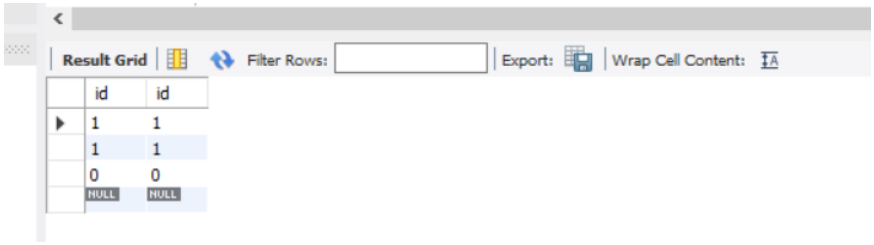
```
create table t1
(
id int
);
insert into t1 values(1),(1),(0),(NULL);
select * from t1

create table t2
(
id int
);
insert into t2 values(1),(0),(NULL),(NULL);
select * from t2

select * from t1 inner join t2 on t1.id=t2.id
```



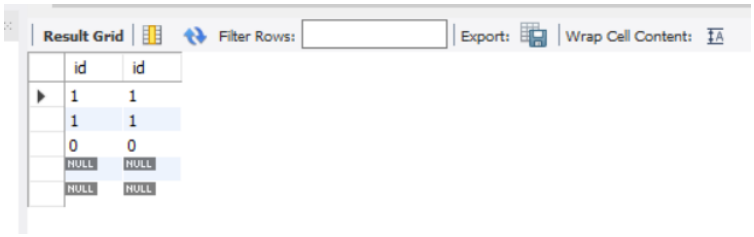
Result Grid | Filter Rows: | Export: | Wrap Cell Content:

id	id
1	1
1	1
0	0

select * from t1 left join t2 on t1.id=t2.id



select * from t1 right join t2 on t1.id=t2.id



SELECT * FROM t1

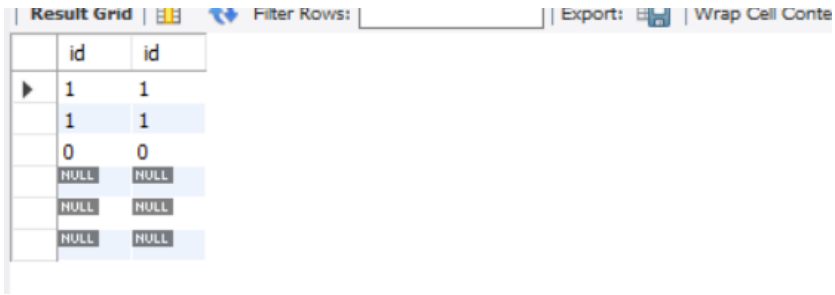
LEFT JOIN t2 ON t1.id = t2.id

UNION ALL

SELECT * FROM t1

RIGHT JOIN t2 ON t1.id = t2.id

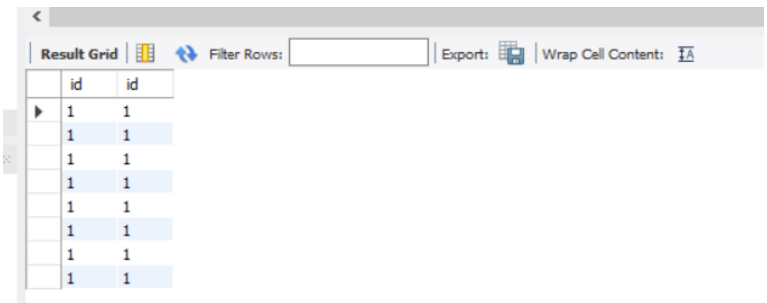
WHERE t1.id IS NULL



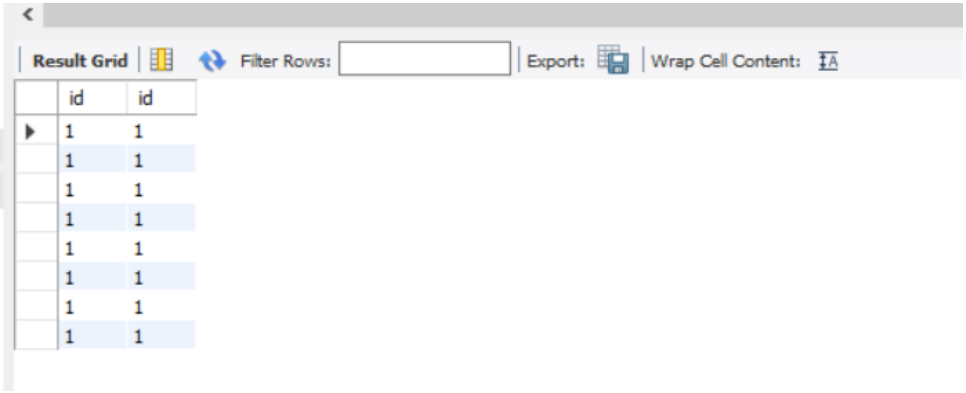
Question-3

ID	ID
1	**1**
1	**0**
1	**1**
1	**0**

```
create table tt1
(
id int
);
insert into tt1 values(1),(1),(1),(1);
select * from tt1

create table tt2
(
id int
);
insert into tt2 values(1),(0),(1),(0);
select * from tt2
select * from tt1 inner join tt2 on tt1.id=tt2.id
```

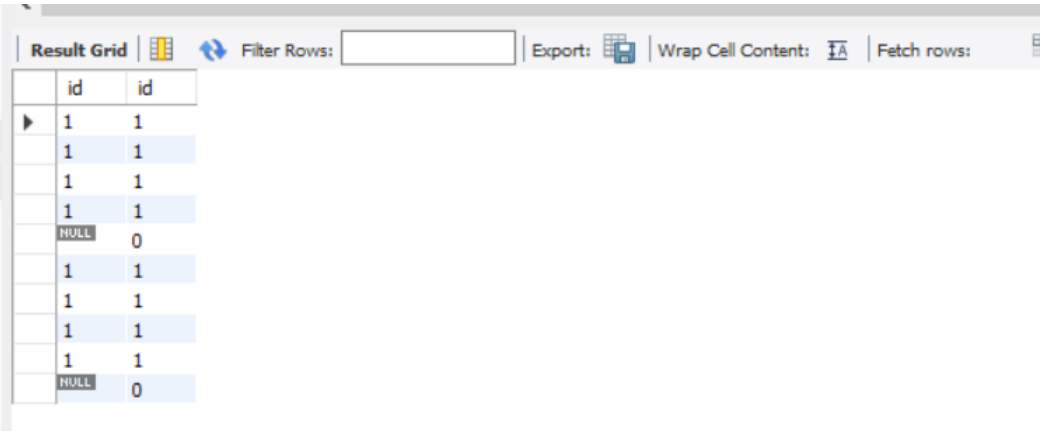


select * from tt1 left join tt2 on tt1.id=tt2.id



id	id
1	1
1	1
1	1
1	1
1	1
1	1
1	1
1	1

select * from tt1 right join tt2 on tt1.id=tt2.id



id	id
1	1
1	1
1	1
1	1
NULL	0
1	1
1	1
1	1
1	1
NULL	0

SELECT * FROM tt1

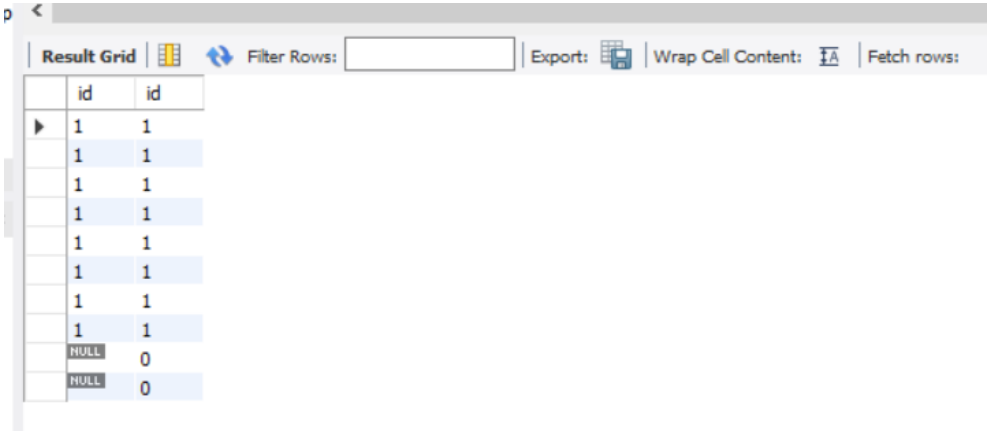
LEFT JOIN tt2 ON tt1.id = tt2.id

UNION ALL

SELECT * FROM tt1

RIGHT JOIN tt2 ON tt1.id = tt2.id

WHERE tt1.id IS NULL



id	id
1	1
1	1
1	1
1	1
1	1
1	1
1	1
1	1
NULL	0
NULL	0