

```

MariaDB [hospital]> select * from doctor;
+-----+-----+-----+-----+-----+-----+-----+
| doc_id | doc_name | doc_salary | doc_address | doc_gender | doc_domain | doc_contact |
+-----+-----+-----+-----+-----+-----+-----+
| 5 | deepak | 55000 | naka_chungi | male | neuroscience | 9993243271 |
| 9 | amit | 62000 | it_park | male | neuroscience | 9987542143 |
| 6 | akanksha | 65000 | jhansi | female | ph.D | 9987542143 |
| 6 | nainsy | 50000 | bhopal | female | M.D | 9876543210 |
| 18 | atul | 75000 | delhi | male | D.D.S | 9876102244 |
+-----+-----+-----+-----+-----+-----+-----+
5 rows in set (0.001 sec)

```

```

MariaDB [hospital]> select * from patient;
+-----+-----+-----+-----+-----+-----+
| pat_id | pat_name | pat_address | pat_gender | pat_room | pat_contact |
+-----+-----+-----+-----+-----+-----+
| 5 | ramesh | delhi | male | 102 | 8795712201 |
| 9 | komal | bhopal | female | 105 | 9678712201 |
| 5 | suresh | bhopal | male | 101 | 9675624201 |
| 3 | anant | orai | male | 110 | 9600224201 |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.001 sec)

```

```

MariaDB [hospital]> select doc_id,doc_name,pat_name from doctor left join patient on doc_id = pat_id order by doc_id desc;
+-----+-----+-----+
| doc_id | doc_name | pat_name |
+-----+-----+-----+
| 18 | atul | NULL |
| 9 | amit | komal |
| 6 | akanksha | NULL |
| 6 | nainsy | NULL |
| 5 | deepak | ramesh |
| 5 | deepak | suresh |
+-----+-----+-----+
6 rows in set (0.001 sec)

```

```

MariaDB [hospital]> select * from medicine;
+-----+-----+-----+
| med_name | med_price | med_quantity |
+-----+-----+-----+
| tylenol | 500 | 3 |
| liv52 | 200 | 1 |
| aspirin | 1500 | 4 |
| paracetamol | 1500 | 5 |
| aleve | 2000 | 2 |
+-----+-----+-----+
5 rows in set (0.000 sec)

```

```
MariaDB [hospital]> select pat_name,med_name,med_price from patient left join medicine on pat_id = med_quantity ;
```

pat_name	med_name	med_price
anant	tylenol	500
ramesh	paracetamol	1500
suresh	paracetamol	1500
komal	NULL	NULL

```
4 rows in set (0.000 sec)
```

```
MariaDB [hospital]> select doc_id,doc_name,pat_name,pat_room,med_name,med_price,med_quantity from doctor left join patient on doc_id = pat_id left join medicine on pat_id = med_quantity where med_price is not null;
```

doc_id	doc_name	pat_name	pat_room	med_name	med_price	med_quantity
5	deepak	ramesh	102	paracetamol	1500	5
5	deepak	suresh	101	paracetamol	1500	5

```
2 rows in set (0.001 sec)
```

```
MariaDB [hospital]>
```