

1) OPD Appointment

Insert into Patient (P_name, Age, Gender, Address, Chaperone_name, Mob_no, Doc_ID, Cost, Appo_ID, D_O_A) values ('Mr. Aditya Kanhu', 45, 'M', 'Anthara Complex, New Delhi', 'Mrs. Saniya Kanhu', 9056745367, 3, 450, 6, CURRENT_DATE ())

```
mysql> use hospital;
Database changed
mysql> insert into Patient(P_name, Age, Gender, Address, Chaperone_name, Mob_no, Doc_ID, Cost, Appo_ID, D_O_A)
-> values('Mr. Aditya Kanhu', 45, 'M', 'Anthara Complex, New Delhi', 'Mrs. Saniya Kanhu', 9056745367, 3, 450, 6, CURRENT_DATE());
Query OK, 1 row affected (0.26 sec)

mysql> select * from Patient;
```

P_ID	P_name	Age	Gender	Address	Chaperone_name	Mob_no	Doc_ID	Cost	Appo_ID	Room_No	D_O_A	D_O_Adm
1	Mr. Suresh Saini	67	M	Pant Colony Kichha	Mrs. Sunita Saini	9067589675	12	300	1	NULL	2020-11-15	NULL
4	Master Amit Drivedi	9	M	Lajpat Nagar, Delhi	Mrs. Shristi Drivedi	8890767543	11	300	4	NULL	2020-11-17	NULL
5	Mrs. Sushma Arora	38	F	Aarti Complex, Delhi	Mr. Aditya Arora	9648523178	4	300	3	NULL	2020-11-21	NULL
6	Mr. Aditya Kanhu	45	M	Anthara Complex, New Delhi	Mrs. Saniya Kanhu	9056745367	3	450	6	NULL	2020-11-21	NULL

```
4 rows in set (0.06 sec)

mysql> _
```

2) Search OPD Appointment

Select P_ID, Address, D_O_A from Patient where P_Name='Master Amit Drivedi';

```
mysql> select P_ID, Address, D_O_A from Patient where P_Name='Master Amit Drivedi';
```

P_ID	Address	D_O_A
4	Lajpat Nagar, Delhi	2020-11-17

```
1 row in set (0.82 sec)

mysql> _
```

3) Cancel OPD Appointment

Delete from Patient where P_ID=4;

```
mysql> delete from Patient where P_ID=4;
Query OK, 1 row affected (0.65 sec)

mysql> select * from Patient;
```

P_ID	P_name	Age	Gender	Address	Chaperone_name	Mob_no	Doc_ID	Cost	Appo_ID	Room_No	D_O_A	D_O_Adm
1	Mr. Suresh Saini	67	M	Pant Colony Kichha	Mrs. Sunita Saini	9067589675	12	300	1	NULL	2020-11-15	NULL
5	Mrs. Sushma Arora	38	F	Aarti Complex, Delhi	Mr. Aditya Arora	9648523178	4	300	3	NULL	2020-11-21	NULL
6	Mr. Aditya Kanhu	45	M	Anthara Complex, New Delhi	Mrs. Saniya Kanhu	9056745367	3	450	6	NULL	2020-11-21	NULL

```
3 rows in set (0.10 sec)

mysql>
```

4) Lab Appointment

Insert into lab_appoint (Patient_ID, Test_ID)

Values (5, 6);

Select sum (Cost) from (select A.Test_ID, B.Cost from lab_appoint A, Test B

Where A.Test_ID=B.Test_ID and A.Patient_ID=1) as d;

```
mysql> insert into Lab_appoint(Patient_ID,Test_ID) values(5,6);
Query OK, 1 row affected (0.48 sec)

mysql> select * from Lab_appoint;
```

Patient_ID	Test_ID
1	12
1	8
1	6
1	5
5	6

```
5 rows in set (0.00 sec)

mysql> select sum(Cost) from (select A.Test_ID,B.Cost from Lab_appoint A,Test B where A.Test_ID=B.Test_ID and A.Patient_ID=1) as d;
```

sum(Cost)
1453

```
1 row in set (0.18 sec)

mysql>
```

5) Search Lab Appointment

```
Select Test_Name from (select A.Test_ID, B.Test_Name from Lab_appoint
A, Test B where A.Test_ID=B.Test_ID and A.Patient_ID=1) as d;
```

```
mysql> select Test_Name from (select A.Test_ID,A.Patient_ID,B.Test_Name from Lab_appoint A,Test B where A.Test_ID=B.Test_ID and A.Patient_ID=1) as d;
```

Test_Name
UltraSound
Hemoglobin A1C
Liver Panel
Lipid Panel

```
4 rows in set (0.01 sec)
```

```
mysql>
```

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6) Cancel Lab Appointment

Delete from lab_appoint where Patient_ID=1;

```
mysql> delete from lab_appoint where Patient_ID=1;
Query OK, 4 rows affected (0.67 sec)

mysql> select * from lab_appoint;
+-----+-----+
| Patient_ID | Test_ID |
+-----+-----+
|          5 |         6 |
+-----+-----+
1 row in set (0.00 sec)

mysql>
```

7) Appoint a Ward

Update Patient set Room_No=5, D_O_Adm=CURRENT_DATE () where P_ID=1;

```
mysql> update Patient
-> set Room_No=5,D_O_Adm=CURRENT_DATE() where P_ID=1;
Query OK, 1 row affected (0.78 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql> select * from Patient;
```

P_ID	P_name	Age	Gender	Address	Chaperone_name	Mob_no	Doc_ID	Cost	Appo_ID	Room_No	D_O_A	D_O_Adm
1	Mr. Suresh Saini	67	M	Pant Colony Kichha	Mrs. Sunita Saini	9867589675	12	300	1	5	2020-11-15	2020-11-21
5	Mrs. Sushma Arora	38	F	Aarti Complex,Delhi	Mr. Aditya Arora	9648523178	4	300	3	NULL	2020-11-21	NULL
6	Mr. Aditya Kanhu	45	M	Anthara Complex,New Delhi	Mrs. Saniya Kanhu	9856745367	3	450	6	NULL	2020-11-21	NULL

```
3 rows in set (0.09 sec)

mysql>
```

```
mysql> select Cost from Wards where Room_no=(select Room_no from Patient where P_ID=1);
```

Cost
150

```
1 row in set (0.24 sec)
```

```
mysql> update Patient set Room_No=NULL,D_O_Adm=NULL where P_ID=1;
```

```
Query OK, 1 row affected (0.25 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

```
mysql> select * from Patient;
```

P_ID	P_name	Age	Gender	Address	Chaperone_name	Mob_no	Doc_ID	Cost	Appo_ID	Room_No	D_O_A	D_O_Adm
1	Mr. Suresh Saini	67	M	Pant Colony Kichha	Mrs. Sunita Saini	9067589675	12	300	1	NULL	2020-11-15	NULL
5	Mrs. Sushma Arora	38	F	Aarti Complex, Delhi	Mr. Aditya Arora	9648523178	4	300	3	NULL	2020-11-21	NULL
6	Mr. Aditya Kanhu	45	M	Anthara Complex, New Delhi	Mrs. Saniya Kanhu	9056745367	3	450	6	NULL	2020-11-21	NULL

```
3 rows in set (0.06 sec)
```

```
mysql>
```

10) Prescription

```
mysql> insert into Prescription(Patient_ID,Med_ID) values(1,5);  
Query OK, 1 row affected (1.31 sec)
```

```
mysql> select * from Prescription;
```

Patient_ID	Med_ID
1	8
1	12
1	12
1	5

4 rows in set (0.00 sec)

Insert into Prescription (Patient_ID, Med_ID) values (1, 5);

11) Prescription Cost

Select sum (Cost_per_packet) from (select A.Med_ID, B.Cost_per_packet,
From Prescription A, Pharmacy B where A.Med_ID=B.Med_ID and
A.Patient_ID=1) as d;

```
mysql> select sum(Cost_per_packet) from ( select A.Med_ID,B.Cost_per_packet from Prescription A,Pharmacy B where A.Med_ID=B.Med_ID and A.Patient_ID=1) as d;  
+-----+  
| sum(Cost_per_packet) |  
+-----+  
| 170 |  
+-----+  
1 row in set (0.11 sec)
```

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12) Assign Duties

Update Staff set Assigned_Ward=5 where Staff_ID=4;

```
mysql> update Staff set Assigned_Ward=5 where Staff_ID=4;
Query OK, 1 row affected (0.63 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

```
mysql> select * from Staff;
```

Staff_ID	Staff_Name	Prof	Salary	Assigned_Ward
1	Mr Ramesh Sharma	Radiologist	30000	NULL
2	Mr Deepak Anya	Ward Boy	14000	NULL
3	Mr Shubham Singh	Laboratory Professional	25000	NULL
4	Mr Rahul Suresh	Ambulance Driver	10000	5
5	Ms Shruti Nayal	Staff Nurse	17000	NULL
6	Mr Yusuf Khan	Laboratory Professional	27500	7
7	Mr Ajay Kumar	Ward Boy	14000	NULL
8	Ms Sanya Tiwari	Staff Nurse	15500	NULL
9	Mrs Soniya Rajput	Head Nurse	19000	NULL
10	Mr Raju Tomar	Ward Boy	14000	NULL
11	Mr Kamal Rajput	Radiologist	28000	NULL
12	Mr Harish Gaur	Ambulance Driver	10000	NULL
13	Ms Jasleen Kaur	Staff Nurse	15600	NULL
14	Mr Karan Tomar	Laboratory Professional	25500	NULL
15	Mrs Sunita Soni	Head Nurse	20000	NULL
16	Mr Pankaj Pandey	Laboratory Professional	26000	NULL
17	Ms Deepika Pandey	Staff Nurse	17200	NULL
18	Mr Sunil Joshi	Radiologist	28300	NULL

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

```
mysql>
```

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