

PRACTICAL NO.3

Microsoft Windows [Version 10.0.22631.5335]

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C:\Users\SAINATH>mysql -h localhost -u root -p

Enter password: *****

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 10

Server version: 8.0.42 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

➤ Customers who made a purchase with amount > average

mysql> use inventory;

Database changed

mysql> desc sale;

Field	Type	Null	Key	Default	Extra
sid	int	YES		NULL	
pid	int	YES	MUL	NULL	

qty	int	YES	NULL

3 rows in set (0.01 sec)

```
mysql> select * from sale;
```

sid	pid	qty
100	104	NULL
100	99	10
111	101	100
112	104	50

4 rows in set (0.01 sec)

```
mysql> desc product;
```

Field	Type	Null	Key	Default	Extra
pid	int	NO	PRI	NULL	
pname	varchar(20)	YES		NULL	
price	float	YES		NULL	
category	varchar(20)	YES		NULL	

4 rows in set (0.01 sec)

```
mysql> select * from product;
```

```
+-----+-----+-----+-----+
| pid | pname | price | category |
```

```
+-----+-----+-----+-----+
```

```
| 99 | MILK | 350 | Dairy |
| 101 | oil | 140 | Soyabin |
| 104 | Poha | 50 | Rice |
| 145 | Sugar | 50 | Store |
| 1045 | Salt | 500 | White |
```

```
+-----+-----+-----+-----+
```

5 rows in set (0.01 sec)

```
mysql> select * from supplier;
```

```
+-----+-----+-----+-----+
```

```
| supid | supname | supaddress | email |
```

```
+-----+-----+-----+-----+
```

```
| 1 | Sharad | Pune | sharad@gmail.com |
| 1000 | Rajesh | Patna | rajesh@gmail.com |
| 101 | Sairaj | shirdi | sai@gmail.com |
| 102 | Ram | yeola | ram@gmail.com |
| 103 | Raj | nashik | raj@gmail.com |
| 104 | Saad | nigadi | saad@gmail.com |
```

```
+-----+-----+-----+-----+
```

6 rows in set (0.04 sec)

```
mysql> select * from purchase;
```

```
+-----+-----+-----+-----+
```

```
| puid | pid | qty | amount | saledate |
```

```

+-----+-----+-----+-----+-----+
| 101 | 99 | 5 | 1000 | 2025-04-29 |
| 102 | 101 | 6 | 10000 | 2025-04-28 |
| 103 | 104 | 10 | 2000 | 2025-05-27 |
+-----+-----+-----+-----+-----+
3 rows in set (0.01 sec)

```

```
mysql> select * from customer;
```

```

+-----+-----+-----+
| cid | cname | address |
+-----+-----+-----+
| 101 | Shraddha | Pimpalgaon Jalal |
| 102 | Shraa | Nategaon |
| 103 | Shree | Nandur |
| 104 | Diksha | Nandurbar |
+-----+-----+-----+
4 rows in set (0.01 sec)

```

➤ **Products that have never been sold :**

```
mysql> select pid from purchase where amount > (select AVG(amount) from purchase);
```

```

+-----+
| pid |
+-----+
| 101 |
+-----+

```

```
1 row in set (0.00 sec)
```

```
mysql> select pid,pname from product where pid NOT IN (SELECT pid from  
sale);
```

```
+-----+-----+
```

```
| pid | pname |
```

```
+-----+-----+
```

```
| 145 | Sugar |
```

```
| 1045 | Salt |
```

```
+-----+-----+
```

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

```
mysql>
```