**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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owners.

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

* **Customers who made a purchase with amount > average**

mysql> use inventry;

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>