ASSIGNMENT-1

CREATION OF TABLE :-

```
CREATE TABLE Product_Master (
Product_No VARCHAR2(10),
Description VARCHAR2(50),
Profit_Percent NUMBER(5, 2),
Unit_Measure VARCHAR2(20),
Qty_On_Hand NUMBER,
Reorder_Lvl NUMBER,
Sell_Price NUMBER,
Cost_Price NUMBER
);
```

INSERTING DATA INTO THE TABLE :-

```
INSERT INTO Product_Master VALUES ('P00001', 'T-SHIRT', 5, 'PIECE', 200, 50, 350, 250);
INSERT INTO Product_Master VALUES ('P0345', 'SHIRTS', 6, 'PIECE', 150, 50, 500, 350);
INSERT INTO Product_Master VALUES ('P06734', 'COTTON JEANS', 5, 'PIECE', 100, 20, 600, 450);
INSERT INTO Product_Master VALUES ('P07865', 'JEANS', 5, 'PIECE', 100, 20, 750, 500);
INSERT INTO Product_Master VALUES ('P07868', 'TROUSERS', 2, 'PIECE', 150, 50, 850, 550);
INSERT INTO Product_Master VALUES ('P07885', 'PULL OVERS', 2.5, 'PIECE', 80, 30, 700, 450);
INSERT INTO Product_Master VALUES ('P07965', 'DENIM SHIRTS', 4, 'PIECE', 100, 40, 350, 250);
INSERT INTO Product_Master VALUES ('P07975', 'LYCRA TOPS', 5, 'PIECE', 70, 30, 300, 175);
INSERT INTO Product_Master VALUES ('P08865', 'SKIRTS', 5, 'PIECE', 75, 30, 450, 300);
```

1. Show all details of the product master table.

SELECT * FROM Product_Master;

```
mysql> SELECT * FROM Product_Master;
+------------+--------------+----------------+--------------+-------------+------------+------------+------------+
| Product_No | Description  | Profit_Percent | Unit_Measure | Qty_On_Hand | Reorder_Lvl | Sell_Price | Cost_Price |
+------------+--------------+----------------+--------------+-------------+------------+------------+------------+
| P00001     | T-SHIRT      |              5 | PIECE        |         200 |         50 |        350 |        250 |
| P0345      | SHIRTS       |              6 | PIECE        |         150 |         50 |        500 |        350 |
| P06734     | COTTON JEANS |              5 | PIECE        |         100 |         20 |        600 |        450 |
| P07865     | JEANS        |              5 | PIECE        |         100 |         20 |        750 |        500 |
| P07868     | TROUSERS     |              2 | PIECE        |         150 |         50 |        850 |        550 |
| P07885     | PULL OVERS   |              3 | PIECE        |          80 |         30 |        700 |        450 |
| P07965     | DENIM SHIRTS |              4 | PIECE        |         100 |         40 |        350 |        250 |
| P07975     | LYCRA TOPS   |              5 | PIECE        |          70 |         30 |        300 |        175 |
| P08865     | SKIRTS       |              5 | PIECE        |          75 |         30 |        450 |        300 |
+------------+--------------+----------------+--------------+-------------+------------+------------+------------+
9 rows in set (0.00 sec)
```

2. Show the product number of jeans.

SELECT Product_No FROM Product_Master WHERE Description LIKE '%JEANS%';

```
mysql> SELECT Product_No FROM Product_Master
    -> WHERE Description LIKE '%JEANS%';
+------------+
| Product_No |
+------------+
| P06734     |
| P07865     |
+------------+
2 rows in set (0.00 sec)
```

3. Show all details of the product where profit percent is 5.

SELECT * FROM Product_Master WHERE Profit_Percent=5;

```
mysql> SELECT * FROM Product_Master
    -> WHERE Profit_Percent=5;
+------------+--------------+----------------+--------------+-------------+------------+------------+------------+
| Product_No | Description  | Profit_Percent | Unit_Measure | Qty_On_Hand | Reorder_Lvl | Sell_Price | Cost_Price |
+------------+--------------+----------------+--------------+-------------+------------+------------+------------+
| P00001     | T-SHIRT      |              5 | PIECE        |         200 |         50 |        350 |        250 |
| P06734     | COTTON JEANS |              5 | PIECE        |         100 |         20 |        600 |        450 |
| P07865     | JEANS        |              5 | PIECE        |         100 |         20 |        750 |        500 |
| P07975     | LYCRA TOPS   |              5 | PIECE        |          70 |         30 |        300 |        175 |
| P08865     | SKIRTS       |              5 | PIECE        |          75 |         30 |        450 |        300 |
+------------+--------------+----------------+--------------+-------------+------------+------------+------------+
5 rows in set (0.00 sec)
```

4. Show the details where the cost price is greater than 350.

SELECT * FROM Product_Master WHERE Cost_Price>350;

```
mysql> SELECT * FROM Product_Master
    -> WHERE Cost_Price>350;
+------------+--------------+----------------+--------------+-------------+------------+------------+------------+
| Product_No | Description  | Profit_Percent | Unit_Measure | Qty_On_Hand | Reorder_Lvl | Sell_Price | Cost_Price |
+------------+--------------+----------------+--------------+-------------+------------+------------+------------+
| P06734     | COTTON JEANS |              5 | PIECE        |         100 |         20 |        600 |        450 |
| P07865     | JEANS        |              5 | PIECE        |         100 |         20 |        750 |        500 |
| P07868     | TROUSERS     |              2 | PIECE        |         150 |         50 |        850 |        550 |
| P07885     | PULL OVERS   |              3 | PIECE        |          80 |         30 |        700 |        450 |
+------------+--------------+----------------+--------------+-------------+------------+------------+------------+
4 rows in set (0.00 sec)
```

5. Show the sell price of DENIM SHIRTS.

SELECT Sell_Price FROM Product_Master WHERE Description='DENIM SHIRTS';

```
mysql> SELECT Sell_Price FROM Product_Master
    -> WHERE Description='DENIM SHIRTS';
+------------+
| Sell_Price |
+------------+
|        350 |
+------------+
1 row in set (0.00 sec)
```