**DATABASE MANAGEMENT SYSTEMS PRACTICE – 2**

1. **Using the table client master and product master answer the followingQuestionnaires.**
2. **Change the selling price of ‘1.44 floppy drive’ to Rs.1150.00**

UPDATE product\_master

set sell\_price = 1150

where description = '1.44floppies';

1. **Delete the record with client 0001 from the client master table**

DELETE FROM client\_master

WHERE client\_no = '0001';

1. **Change the city of client\_no '0005' to Bombay.**

UPDATE client\_master

SET city = 'Bombay'

Where client\_no = '0005';

1. **Change the bal\_due of client\_no ‘0001’ to 1000.**

UPDATE client\_master

SET bal\_due = 1000

WHERE client\_no = '0001';

1. **Find the products whose selling price is more than 1500 and also find the new selling price as original selling price \*15.**

SELECT product\_no FROM product\_master

WHERE sell\_price > 1500;

UPDATE product\_master

SET sell\_price = 15 \* sell\_price;

1. **Find out the clients who stay in a city whose second letter is a.**

SELECT client\_no, name FROM client\_master

WHERE city LIKE '\_a%';

1. **Find out the name of all clients having 'a' as the second letter in their names.**

SELECT name FROM client\_master

WHERE name LIKE '\_a%';

1. **List the products in sorted order of their description.**

SELECT product\_no, description FROM product\_master

ORDER BY description ASC;

1. **Count the total number of orders**

SELECT SUM(reorder\_lvl) as COUNT FROM product\_master;

1. **Calculate the average price of all the products.**

SELECT AVG(sell\_price) as AVG\_SELL, AVG(cost\_price) as AVG\_COST

FROM product\_master;

1. **Calculate the minimum price of products.**

SELECT MIN(sell\_price) as MIN\_SELL, MIN(cost\_price) as MIN\_COST

FROM product\_master;

1. **Determine the maximum and minimum prices. Rename the tittle as 'max\_price' and 'min\_price' respectively.**

SELECT MIN(sell\_price) as min\_sell\_price, MAX(sell\_price) as max\_sell\_price, MIN(cost\_price) as min\_cost\_price, MAX(cost\_price) as max\_cost\_price

FROM product\_master;

1. **Count the number of products having price greater than or equal to 1500**

SELECT COUNT(product\_no) as number\_of\_products FROM product\_master

WHERE sell\_price >= 1500;