Lab 6:

Create table customer.

1. Insert data.

Source code:

```
CREATE TABLE customer (
   NAME VARCHAR(50),
   ph_no VARCHAR(15),
   address VARCHAR(100),
   purchase_amount INT
);

INSERT INTO customer VALUES
('Aayush', '9801234567', 'Kathmandu', 1500),
('Gaurav', '9802345678', 'Pokhara', 2200),
('Sita', '9803456789', 'Kathmandu', 1800),
('Ram', '9804567890', 'Lalitpur', 2000),
('Kiran', '9805678901', 'Biratnagar', 1700),
('Suman', '9806789012', 'Butwal', 2200),
('Rita', '9807890123', 'Dharan', 2200);

SELECT *FROM customer;
```

Output:

name	ph_no	address	purchase_amount
Aayush	9801234567	Kathmandu	1500
Gaurav	9802345678	Pokhara	2200
Sita	9803456789	Kathmandu	1800
Ram	9804567890	Lalitpur	2000
Kiran	9805678901	Biratnagar	1700
Suman	9806789012	Butwal	2200
Rita	9807890123	Dharan	2200

2. Display data whose address is Aayush address.

Source code:

```
SELECT *
FROM customer
WHERE address = (
   SELECT address
   FROM customer
   WHERE NAME = 'Aayush'
);
```

Output:

name	ph_no	address	purchase_amount
Aayush	9801234567	Kathmandu	1500
Sita	9803456789	Kathmandu	1800

3. Display information whose purchase amount is Gaurav purchase amount.

Source code:

```
SELECT *
FROM customer
WHERE purchase_amount = (
   SELECT purchase_amount
   FROM customer
   WHERE NAME = 'Gaurav'
);
```

Output:

name	ph_no	address	purchase_amount
Gaurav	9802345678	Pokhara	2200
Suman	9806789012	Butwal	2200
Rita	9807890123	Dharan	2200

4. Display all distinct phone no from table.

Source code:

```
SELECT DISTINCT ph_no
FROM customer;
```

Output:

ph_no
9801234567
9802345678
9803456789
9804567890
9805678901
9806789012
9807890123