

LAB4

Read before typing:

- Answer all the questions using JOIN.
- You must keep question-wise query and results in a text file.

Q1) Give all info for a customer (Customer ID, Name, Gender, No of loans taken, No of deposits, Street Name, City and Branch Name) in the same order as mentioned sorted by Customer ID.

Q2) Update the customer street information in a new table called CUSTOMER_COPY to 'NH17B' for the customers who have made payments of more than 10000 for ALL of their loans.

Instruction:

First create a CUSTOMER_COPY table using the following query:

```
DROP TABLE IF EXISTS `CUSTOMER_COPY`;
```

```
CREATE TABLE `CUSTOMER_COPY` (  
  `C_ID` char(5) NOT NULL,  
  `NAME` varchar(30) DEFAULT NULL,  
  `STREET` varchar(25) DEFAULT NULL,  
  `CITY` varchar(30) DEFAULT NULL,  
  `GENDER` enum('f','m') DEFAULT NULL,  
  UNIQUE KEY `C_ID` (`C_ID`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
LOCK TABLES `CUSTOMER_COPY` WRITE;
```

```
INSERT INTO `CUSTOMER_COPY` VALUES  
('c1','haritha','nalanda','machlipatnam','f'),('c2','himani','nalanda','machlipatnam','f'),('c3','shankar','kadamba',  
'eluru','m'),('c4','saritha','kadamba','eluru','f'),('c5','sachitra','saraswathi','nandigama','f'),('c6','yogitha','ka  
veri','hyderabad','f'),('c7','radhika','kaveri','hyderabad','f'),('c8','ramu','azad','Vijayawada','m');
```

```
UNLOCK TABLES;
```

Now write the update query as:

```
mysql> UPDATE CUSTOMER_COPY SET STREET='NH17B' WHERE NAME IN (YOUR QUERY FOR THE  
PROBLEM);
```

After the above query display the contents of CUSTOMER_COPY table.

Q3) Find the (payment number, loan number, amount) groups corresponding to the payments made by those customers living in a city offering "mobilebanking" OR "netbanking".

Q4) Print out name, loan number, and remaining amount for all house loans taken by females for which atleast one payment has been made.

