

```
CREATE TABLE customer_master(  
    CUSTOMER_NUMBER VARCHAR(6),  
    FIRSTNAME VARCHAR(30),  
  
    middlename VARCHAR(30),  
    lastname VARCHAR(30),  
    CUSTOMER_CITY VARCHAR(15),  
  
    CUSTOMER_CONTACT_NO VARCHAR(10),  
    occupation VARCHAR(10),  
    CUSTOMER_DATE_OF_BIRTH DATE,  
  
    CONSTRAINT customer_custid_pk PRIMARY KEY (CUSTOMER_NUMBER)  
);
```

```
CREATE TABLE branch_master(  
    branch_id VARCHAR(6),  
  
    branch_name VARCHAR(30),  
    branch_city VARCHAR(30),  
  
    CONSTRAINT branch_bid_pk PRIMARY KEY (branch_id)  
);
```

```
CREATE TABLE account_master  
(account_number VARCHAR(255),  
    customer_number VARCHAR(255),  
  
    branch_id VARCHAR(255),  
    opening_balance INT(20),  
    account_opening_date DATE,
```

```
account_type VARCHAR(10),

account_status VARCHAR(10),
PRIMARY KEY (account_number),
FOREIGN KEY (customer_number) references customer_master(customer_number),

FOREIGN KEY (branch_id) references branch_master(branch_id)
);
```

```
CREATE TABLE transaction_details(
transaction_number VARCHAR(6),

account_number VARCHAR(6),
date_of_transaction DATE,
medium_of_transaction VARCHAR(20),

transaction_type VARCHAR(20),
transaction_amount INT(7),

CONSTRAINT transaction_details_tnumber_pk PRIMARY KEY (transaction_number),

CONSTRAINT transaction_details_acnumber_fk FOREIGN KEY (account_number)

REFERENCES account_master (account_number)
);
```

```
create table loan_details(customer_number varchar(255),
branch_id varchar(255),
loan_amount bigint(20),
foreign key(customer_number) references customer_master(customer_number));
```

```
insert into customer_master values('C00001',      'RAMESH',  'CHANDRA',  
'SHARMA',   'DELHI',      '9543198345', 'SERVICE'   , '1976-12-06');
```

```
insert into customer_master values('C00002',      'AVINASH',  'SUNDER',  
'MINHA',    'DELHI',      '9876532109' , 'SERVICE',  '1974-10-16');
```

```
insert into customer_master values('C00003',      'RAHUL',  
'NULL','RASTOGI',   'DELHI',      '9765178901', 'STUDENT',   '1981-09-26');
```

```
insert into customer_master values('C00004',      'PARUL',  
'NULL','GANDHI',    'DELHI',      '9876532109' , 'HOUSEWIFE',  
      '1976-11-03');
```

```
insert into customer_master values('C00005',  
'NAVEEN'    , 'CHANDRA', 'AEDEKAR',  'MUMBAI',      '8976523190', 'SERVICE'  
, '1976-09-19');
```

```
insert into customer_master  
values('C00006',      'CHITRESH', 'NULL','BARWE',      'MUMBAI',      '7651298321',  
'STUDENT'   , '1992-11-06');
```

```
insert into customer_master  
values('C00007',      'AMIT' , 'KUMAR',    'BORKAR',      'MUMBAI',      '9875189761',  
'STUDENT',   '1981-09-06');
```

```
insert into customer_master  
values('C00008',      'NISHA',      NULL, 'DAMLE',      'MUMBAI',      '7954198761',  
'SERVICE',   '1975-12-03');
```

```
insert into customer_master  
values('C00009',      'ABHISHEK', NULL, 'DUTTA',      'KOLKATA'      , '9856198761',  
'SERVICE'    , '1973-05-22');
```

```
insert into customer_master
values('C00010', 'SHANKAR' ,NULL, 'NAIR', 'CHENNAI', '8765489076', 'SERVICE',
'1976-07-12');
```

```
insert into branch_master values('B00001', 'ASAF ALI ROAD','DELHI');
```

```
insert into branch_master values('B00002','NEW DELHI MAIN BRANCH','DELHI');
```

```
insert into branch_master values('B00003' , 'DELHI CANTT', 'DELHI');
```

```
insert into branch_master values('B00004' , 'JASOLA', 'DELHI');
```

```
insert into branch_master values('B00005' , 'MAHIM' , 'MUMBAI');
```

```
insert into branch_master values('B00006' , 'VILE PARLE', 'MUMBAI');
```

```
insert into branch_master values('B00007', 'MANDVI' , 'MUMBAI');
```

```
insert into branch_master values('B00008' , 'JADAVPUR', 'KOLKATA');
```

```
insert into branch_master values('B00009' , 'KODAMBAKKAM', 'CHENNAI');
```

```
insert into account_master values('A00001' , 'C00001' , 'B00001' , 1000 , '2012-12-15',
'SAVING', 'ACTIVE');
```

```
insert into account_master values('A00002' ,'C00002'      ,'B00001'      ,1000 , '2012-06-12'  
, 'SAVING',      'ACTIVE');
```

```
insert into account_master values('A00003' ,'C00003',      'B00002',      1000 , '2012-05-17'  
, 'SAVING',      'ACTIVE');
```

```
insert into account_master values('A00004' ,'C00002',      'B00005',      1000 , '2013-01-27'  
, 'SAVING      ', 'ACTIVE');
```

```
insert into account_master values('A00005' ,'C00006',      'B00006',      1000 , '2012-12-17'  
, 'SAVING', 'ACTIVE');
```

```
insert into account_master values('A00006' ,'C00007',      'B00007',      1000 , '2010-08-12'  
, 'SAVING      ', 'SUSPENDED');
```

```
insert into account_master values('A00007' ,'C00007',      'B00001',      1000 , '2012-10-02'  
, 'SAVING      ', 'ACTIVE');
```

```
insert into account_master values('A00008' ,'C00001'      ,'B00003',      1000 , '2009-11-09'  
, 'SAVING      ', 'TERMINATED');
```

```
insert into account_master values('A00009' ,'C00003',      'B00007',      1000 , '2008-11-30'  
, 'SAVING',      'TERMINATED');
```

```
insert into account_master values('A00010' ,'C00004',      'B00002',      1000 , '2013-03-01'  
, 'SAVING',      'ACTIVE');
```

```
insert into transaction_details values('T00001',      'A00001',      '2013-01-01', 'CHEQUE',
```

'DEPOSIT', 2000);

insert into transaction_details values
('T00002' , 'A00001' , '2013-02-01' , 'CASH' , 'WITHDRAWAL' , 1000);

insert into transaction_details values
('T00003' , 'A00002' , '2013-01-01' , 'CASH' , 'DEPOSIT' , 2000);

insert into transaction_details values('T00004', 'A00002', '2013-02-01' , 'CASH'
, 'DEPOSIT' , 3000);

insert into transaction_details values('T00005', 'A00007', '2013-01-11', 'CASH'
, 'DEPOSIT' , 7000);

insert into transaction_details values('T00006', 'A00007', '2013-01-13', 'CASH'
, 'DEPOSIT' , 9000);

insert into transaction_details values('T00007', 'A00001', '2013-03-13', 'CASH'
, 'DEPOSIT' , 4000);

insert into transaction_details values('T00008', 'A00001', '2013-03-14', 'CHEQUE'
, 'DEPOSIT' , 3000);

insert into transaction_details values('T00009', 'A00001', '2013-03-21', 'CASH'
, 'WITHDRAWAL' , 9000);

insert into transaction_details values('T00010', 'A00001', '2013-03-22', 'CASH'
, 'WITHDRAWAL' , 2000);

insert into transaction_details values('T00011', 'A00002', '2013-03-25', 'CASH'
, 'WITHDRAWAL' , 7000);

```
insert into transaction_details values('T00012', 'A00007', '2013-03-26', 'CASH'  
, 'WITHDRAWAL', 2000);
```

```
insert into Loan_details values('C00001', 'B00001', 100000);
```

```
insert into Loan_details values('C00002', 'B00002', 200000);
```

```
insert into Loan_details values('C00009', 'B00008', 400000);
```

```
insert into Loan_details values('C00010', 'B00009', 500000);
```

```
insert into Loan_details values('C00001', 'B00003', 600000);
```

```
insert into Loan_details values('C00002', 'B00001', 600000);
```