create table CUSTOMER\_MASTER

(

CUSTOMER\_ID Varchar(10),

CUSTOMER\_NAME Varchar(30) NOT NULL,

CONTACT\_NO BIGINT(20),

CONTACT\_ADD Varchar(100),

DATE\_OF\_REGISTRATION Date NOT NULL,

AGE Varchar(15)NOT NULL,

Constraint MT\_cts1 PRIMARY KEY(CUSTOMER\_ID)

);

Create table MOVIES\_MASTER

(

MOVIE\_ID Varchar(10),

MOVIE\_NAME Varchar(80) NOT NULL,

RELEASE\_DATE Varchar(30) NOT NULL,

LANGUAGE Varchar(30),

RATING int(2),

DURATION\_In\_Minutes VARCHAR(10) NOT NULL,

MOVIE\_TYPE Varchar(100),

MOVIE\_CATEGORY VARCHAR(40) NOT NULL,

DIRECTOR VARCHAR(60) NOT NULL,

LEAD\_Actor\_name1 Varchar(50) NOT NULL,

LEAD\_Actor\_name2 VARCHAR(60) NOT NULL,

RENTAL\_COST BIGINT(10),

Constraint MT\_cts4 PRIMARY KEY(MOVIE\_ID)

);

Create table CUSTOMER\_ISSUE\_DETAILS

(

ISSUE\_ID Varchar(10) NOT NULL,

CUSTOMER\_ID Varchar(10) NOT NULL,

MOVIE\_ID VARCHAR(10),

ISSUE\_DATE Date NOT NULL,

RETURN\_DATE Date NOT NULL,

ACTUAL\_DATE\_RETURN Date NOT NULL,

Constraint MT\_cts5 PRIMARY KEY(ISSUE\_ID),

Constraint MT\_Mem FOREIGN KEY(CUSTOMER\_ID) References CUSTOMER\_MASTER(CUSTOMER\_ID),

Constraint MT\_Mem1 FOREIGN KEY(MOVIE\_ID) References MOVIES\_MASTER(MOVIE\_ID)

);

Create table LIBRARY\_CARD\_MASTER

(

CARD\_ID Varchar(10),

DESCRIPTION Varchar(30) NOT NULL,

AMOUNT BIGINT(50),

NUMBER\_OF\_YEARS bigint(10) NOT NULL,

Constraint MT\_cts2 PRIMARY KEY(CARD\_ID)

);

Create table CUSTOMER\_CARD\_DETAILS

(

CUSTOMER\_ID Varchar(10),

CARD\_ID VARCHAR(10),

ISSUE\_DATE DATE NOT NULL,

Constraint MT\_cts3 PRIMARY KEY(CUSTOMER\_ID),

Constraint MT\_CTS41 FOREIGN KEY(CUSTOMER\_ID) References CUSTOMER\_MASTER(CUSTOMER\_ID),

Constraint MT\_CTS42 FOREIGN KEY(CARD\_ID) References LIBRARY\_CARD\_MASTER(CARD\_ID)

);

insert into customer\_master values

('C00001',' NITIN ','9830354218',' A/122, KALKAJI',' 2012-10-15', 22),

('C00002',' AGNESH ','8923156781', '9/1,ANDHERI EAST',' 2012-11-01', 35),

('C00003',' T RAMACHANDRAN',' 9831289761',' 9/1,NANDABAKKAM',' 2012-11-02', 25),

('C00004' ,'RAJIB MITRA' ,'9830356781',' H/56, BLOCK1,JADAVPUR',' 2012-11-21', 45),

('C00005',' SHIV PRASAD', NULL,' 2/2 PHASE II JAWAHAR NAGAR' ,'2012-12-25', 30),

('C00006', 'AJAY GHOSH' ,'8763478901' ,'N/2,GANDHI COLONY DUM DUM', '2012-12-30' ,20),

('C00007', 'GEETHA REDDY' ,'8976167890',' AH 1/1 T NAGAR' ,'2012-12-31' ,30),

('C00008', 'RIA NATRAJAN' ,'9856723190' ,'A/B GANDHI COLONY' ,'2013-01-01' ,45),

('C00009', 'RAJAN PILLAI' ,NULL,' A 1/66 KODAMBAKKAM ','2013-01-02', 40),

('C00010', 'RAGHAV SINGH', '9675167890' ,'A/6 NEHRU JAWAHAR NAGAR', '2013-03-02' ,50),

('C00011', 'RAJ SEKHANRAN',' 8423178906' ,'A/1 MAYUR KUNJ' ,'2013-03-15' ,25);

insert into movies\_master values

('M00001',' DIE HARD',' 1998 ','ENGLISH ',4 ,120 ,'UNIVERSAL',' ACTION',

'JOHN MCTIERNAN' ,'BRUCE WILLIS' ,'BONNIE BEDELIA' ,100),

('M00002',' THE DARK KNIGHT',' 2008',' ENGLISH', 5 ,90 ,'PARENTAL GUIDENCE',' ACTION','

CHRISTOPHER NOLAN' ,

'CHRISTIAN BALE','HEALTH LEDGER', 100),

('M00003',' THE MATRIX', 1999,' ENGLISH', 4, 120,' UNIVERSAL',' ACTION',' ANDY LARRY',' KEANU REEVES ',

'CARRIE-ANEE MOSS', 100),

('M00004',' INCEPTION', 2010 ,'ENGLISH ',5 ,120,' PARENTAL GUIDENCE ','ACTION',

'CHRISTOPHER NOLAN', 'LEONARDO DICAPRIO',' JOSEPH GORDAN' ,100),

('M00005','OFFICE SPACE', 1999 ,'ENGLISH', 4, 95 ,'UNIVERSAL ','COMEDY ',

'MIKE JUDGE',' RON LIVINGSTON',' JENNIFER ANISTON ',100),

('M00006 ','YOUNG FRANKENSTEIN',' 1974',' ENGLISH', 4 ,130,' UNIVERSAL',' COMEDY',

'MEL BROOKS',' GENE WILDER',' TERI GARR', 100),

('M00007',' SHAUN OF THE DEAD', 2004 ,'ENGLISH', 4 ,95,' UNIVERSAL', 'COMEDY',

'EDGAR WRIGHT',' SIMON PEGG ','KATE ASHFIELD' ,100),

('M00008',' CASABLANCA', 1942,' ENGLISH', 3, 120 ,'UNIVERSAL',' ROMANCE',' MICHAEL

CURTIZ',' HUMPREY BOGART',' INGRID BERGMAN', 1000),

('M00009 ','THE NOTEBOOK', 2004 ,'ENGLISH', 3 ,120 ,'PARENTAL GUIDENCE',' ROMANCE ',

'NICK CASSAVETES',' RYAN GOSLING',' RACHEL MCADAMS', 100),

('M00010 ','GONE WITH THE WIND ',1939 ,'ENGLISH', 3 ,120,' PARENTAL GUIDENCE ','ROMANCE',

'VICTOR FLEMMING', 'CLARK GABLE',' VIVIEN LEIGH ',100),

('M00011 ','TITANIC', 1997 ,'ENGLISH ',3 ,120 ,'PARENTAL GUIDENCE',' ROMANCE'

,'JAMES CAMERON',' LEONARDO DICAPRIO ','KATE WINSLET', 100);

insert into customer\_issue\_details values

('I00001','C00001','M00001','2012-10-15','2012-10-17','2012-10-17');

insert into customer\_issue\_details values('I00002', 'C00002','M00002','2012-11-02' ,'2012-11-04','2012-11-05');

insert into customer\_issue\_details values

('I00003','C00002','M00002','2012-12-02','2012-12-04','2012-12-03');

insert into customer\_issue\_details values('I00004','C00003','M00003','2012-11-02','2012-11-04','2012-11-10');

insert into customer\_issue\_details values('I00005','C00003','M00004','2012-11-10',

'2012-11-12','2012-11-12');

insert into customer\_issue\_details values('I00006','C00003','M00005',

'2012-11-12','2012-11-14','2012-11-14');

insert into customer\_issue\_details values('I00007','C00004','M00006 ','2012-11-21',

'2012-11-23','2012-11-24');

insert into customer\_issue\_details values('I00008','C00010','M00008','2013-03-02',

'2013-03-04','2013-03-05');

insert into customer\_issue\_details values('I00009','C00011','M00010 ','2013-03-16','2013-03-18','2013-03-18');

insert into customer\_issue\_details values('I00010','C00004' ,'M00007',

'2012-11-25','2012-11-27','2012-11-27');

insert into customer\_issue\_details values('I00011','C00004' ,'M00007','2012-11-28',

'2012-11-30','2012-11-30');

insert into customer\_issue\_details values('I00012','C00001','M00001','2013-11-28','2013-11-30',

'2013-11-30');

insert into customer\_issue\_details values('I00013','C00003','M00001','2012-12-03','2012-12-05',

'2012-12-05');

insert into customer\_issue\_details values('I00014','C00003','M00010 ','2013-01-02','2013-01-04'

,'2013-01-05');

insert into customer\_issue\_details values('I00015','C00003','M00011 ','2013-02-03','2013-02-05',

'2013-02-06');

insert into customer\_issue\_details values('I00016','C00003','M00011 ','2013-03-05','2013-03-07'

,'2013-03-07');

insert into customer\_issue\_details values('I00017','C00003','M00008','2013-04-15','2013-04-17'

,'2013-04-17');

insert into customer\_issue\_details values('I00018','C00002','M00010 ','2015-01-15','2015-01-17'

,'2015-01-17');

insert into customer\_issue\_details values('I00019','C00004','M00001','2012-11-15 ','2012-11-17','2012-11-17');

insert into library\_card\_master values

('CRD001', 'SILVER CARD' ,1000, 1),

('CRD002', 'GOLD CARD ',2000 ,2),

('CRD003', 'PLATINUM CARD' ,3000, 3),

('CRD004', 'DIAMOND CARD', 4000 ,5);

Insert into CUSTOMER\_CARD\_DETAILS Values('C00001','CRD001','2012-05-13');

Insert into CUSTOMER\_CARD\_DETAILS Values('C00002','CRD002','2012-05-13');

Insert into CUSTOMER\_CARD\_DETAILS Values('C00003','CRD002','2013-05-13');

Insert into CUSTOMER\_CARD\_DETAILS Values('C00004','CRD003','2013-05-13');

Insert into CUSTOMER\_CARD\_DETAILS Values('C00005','CRD003','2012-05-13');