create table MYBANK\_APP\_CUSTOMER(

CUSTOMER\_ID INT,

CUSTOMER\_NAME VARCHAR2(255) NOT NULL,

CUSTOMER\_ADRESS VARCHAR2(255) NOT NULL,

CUSTOMER\_STATUS VARCHAR2(255) NOT NULL,

CUSTOMER\_CONTACT NUMBER(10) NOT NULL,

USERNAME VARCHAR2(255) NOT NULL,

PASSWORD VARCHAR2(255) NOT NULL);

create sequence CUSTOMERID\_SEQ start with 100 increment by 1;

alter table MYBANK\_APP\_CUSTOMER add constraint CUSTOMERID\_SEQ primary key(CUSTOMER\_ID);

CREATE TABLE MYBANK\_APP\_KYC(

KYC\_NUMBER INT,

CUSTOMER\_ID INT NOT NULL,

KYC\_PAN VARCHAR2(255) NOT NULL,

KYC\_AADHAAR NUMBER(16) NOT NULL,

KYC\_STATUS VARCHAR2(255) NOT NULL,

FOREIGN KEY(CUSTOMER\_ID) REFERENCES MYBANK\_APP\_CUSTOMER(CUSTOMER\_ID) on delete cascade);

create sequence KYC\_SEQ start with 100 increment by 1;

alter table MYBANK\_APP\_KYC add constraint KYC\_SEQ primary key(KYC\_NUMBER);

CREATE TABLE MYBANK\_APP\_ACCOUNT(

ACCOUNT\_ID INT,

CUSTOMER\_ID INT,

ACCOUNT\_TYPE VARCHAR(50) NOT NULL,

ACCOUNT\_NUMBER VARCHAR(225) NOT NULL UNIQUE,

ACCOUNT\_STATUS NUMBER(2) NOT NULL,

FOREIGN KEY (CUSTOMER\_ID) REFERENCES MYBANK\_APP\_CUSTOMER(CUSTOMER\_ID) on delete cascade);

create sequence ACC\_SEQ start with 100 increment by 1;

alter table MYBANK\_APP\_ACCOUNT add constraint ACC\_SEQ primary key(ACCOUNT\_ID);

CREATE TABLE MYBANK\_APP\_DEPOSITAVAILABLE(

DEPOSIT\_ID INT,

DEPOSIT\_NAME VARCHAR2(255) NOT NULL,

DEPOSIT\_ROI DECIMAL(15,2) NOT NULL,

DEPOSIT\_TYPE VARCHAR(255) NOT NULL,

DEPOSIT\_DESCRIPTION CLOB NOT NULL);

create sequence DEPOSIT\_SEQ start with 100 increment by 1;

alter table MYBANK\_APP\_DEPOSITAVAILABLE add constraint DEPOSIT\_SEQ primary key(DEPOSIT\_ID);

CREATE TABLE MYBANK\_APP\_DEPOSITAVAILED(

DEPOSIT\_AVAIL\_ID INT,

CUSTOMER\_ID INT NOT NULL,

DEPOSIT\_ID INT NOT NULL,

DEPOSITED\_AMOUNT DECIMAL(15,2) NOT NULL,

DEPOSIT\_DURATION INT NOT NULL,

DEPOSIT\_MATURITY DATE NOT NULL,

FOREIGN KEY (CUSTOMER\_ID) REFERENCES MYBANK\_APP\_CUSTOMER(CUSTOMER\_ID) on delete cascade,

FOREIGN KEY (DEPOSIT\_ID) REFERENCES MYBANK\_APP\_DEPOSITAVAILABLE(DEPOSIT\_ID) on delete cascade);

CREATE SEQUENCE DEPOSITAVAIL\_SEQ START WITH 100 INCREMENT BY 1;

alter table MYBANK\_APP\_DEPOSITAVAILED add constraint DEPOSITAVAIL\_SEQ primary key(DEPOSIT\_AVAIL\_ID);

CREATE TABLE MYBANK\_APP\_INSURANCEAVAILABLE(

INSURANCE\_ID INT ,

INSURANCE\_TYPE VARCHAR2(50) NOT NULL,

INSURANCE\_NAME VARCHAR2(255)NOT NULL,

INSURANCE\_KEY\_BENEFITS CLOB NOT NULL,

INSURANCE\_LIFETIME INT NOT NULL);

CREATE SEQUENCE INSURANCEID\_SEQ START WITH 100 INCREMENT BY 1;

alter table MYBANK\_APP\_INSURANCEAVAILABLE add constraint INSURANCEID\_SEQ primary key(INSURANCE\_ID);

CREATE TABLE MYBANK\_APP\_INSURANCEAVAILED(

INSURANCE\_AVAIL\_ID INT,

CUSTOMER\_ID INT ,

INSURANCE\_ID INT ,

INSURANCE\_COVERAGE DECIMAL(15,2) NOT NULL,

INSURANCE\_PREMIUM DECIMAL(15,2) NOT NULL,

FOREIGN KEY(CUSTOMER\_ID) REFERENCES MYBANK\_APP\_CUSTOMER(CUSTOMER\_ID) on delete cascade,

FOREIGN KEY(INSURANCE\_ID) REFERENCES MYBANK\_APP\_INSURANCEAVAILABLE(INSURANCE\_ID) on delete cascade);

CREATE SEQUENCE INSURANCE\_AVAIL\_ID\_SEQ START WITH 100 INCREMENT BY 1;

alter table MYBANK\_APP\_INSURANCEAVAILED add constraint INSURANCE\_AVAIL\_ID\_SEQ primary key(INSURANCE\_AVAIL\_ID);

CREATE TABLE MYBANK\_APP\_DebitCard(

DEBITCARD\_NUMBER NUMBER(20),

ACCOUNT\_ID INT,

DEBITCARD\_CVV INT NOT NULL,

DEBITCARD\_EXPIRY DATE NOT NULL,

DEBITCARD\_STATUS NUMBER(4) NOT NULL,

DEBITCARD\_DOMESTIC\_LIMIT NUMBER(20) NOT NULL,

DEBITCARD\_INTERNATIONAL\_LIMIT NUMBER(20) NOT NULL,

FOREIGN KEY(ACCOUNT\_ID) REFERENCES MYBANK\_APP\_ACCOUNT(ACCOUNT\_ID) ON DELETE CASCADE);

create sequence DEBIT\_SEQ start with 100 increment by 1;

alter table MYBANK\_APP\_DebitCard add constraint DEBIT\_SEQ primary key(DEBITCARD\_NUMBER);

create table MYBANK\_APP\_LOANAVAILABLE(

loan\_number int,

loan\_type varchar2(255) not null,

loan\_name varchar(255) not null,

loan\_description clob not null,

loan\_roi decimal(15,2) not null);

create sequence LOAN\_SEQ start with 100 increment by 1;

alter table MYBANK\_APP\_LOANAVAILABLE add constraint LOAN\_SEQ primary key(loan\_number);

create table MYBANK\_APP\_LOANAVAILED(

loan\_avail\_number int,

customer\_number int,

loan\_number int,

loan\_amount decimal(15,2) not null,

loan\_emi decimal(15,2) not null,

loan\_tenure int not null,

FOREIGN KEY (customer\_number) REFERENCES MYBANK\_APP\_Customer(customer\_Id) on delete cascade,

FOREIGN KEY (loan\_number) REFERENCES MYBANK\_APP\_LOANAVAILABLE(loan\_number) on delete cascade);

create sequence LOANAVAIL\_SEQ start with 100 increment by 1;

alter table MYBANK\_APP\_LOANAVAILED add constraint LOANAVAIL\_SEQ primary key(loan\_avail\_number);

CREATE TABLE MYBANK\_APP\_Transaction (

transaction\_id INT,

account\_id INT,

transaction\_type VARCHAR(50) not null,

transaction\_from VARCHAR(255) not null,

transaction\_to VARCHAR(255) not null,

transaction\_date DATE not null,

transaction\_amount DECIMAL(15,2) not null,

transaction\_status VARCHAR(50) not null,

FOREIGN KEY (account\_id) REFERENCES MYBANK\_APP\_Account(account\_id) on delete cascade);

create sequence transactionid\_seq start with 100 increment by 1;

alter table MYBANK\_APP\_Transaction add constraint transactionid\_seq primary key(transaction\_id);

CREATE TABLE MYBANK\_APP\_Payee (

payee\_id INT ,

customer\_id INT,

account\_id INT,

payee\_name VARCHAR(255) not null,

FOREIGN KEY (customer\_id) REFERENCES MYBANK\_APP\_Customer(customer\_id) on delete cascade,

FOREIGN KEY (account\_id) REFERENCES MYBANK\_APP\_Account(account\_id) on delete cascade);

create sequence payee\_seq start with 100 increment by 1;

alter table MYBANK\_APP\_Payee add constraint payee\_seq primary key(payee\_id);

ALTER TABLE MYBANK\_APP\_PAYEE ADD FOREIGN KEY(ACCOUNT\_NUMBER) REFERENCES MYBANK\_APP\_ACCOUNT(ACCOUNT\_NUMBER) ON DELETE CASCADE;

ALTER TABLE MYBANK\_APP\_Transaction ADD FOREIGN KEY(TRANSACTION\_FROM) REFERENCES MYBANK\_APP\_ACCOUNT(ACCOUNT\_NUMBER) ON DELETE CASCADE;

ALTER TABLE MYBANK\_APP\_Transaction ADD FOREIGN KEY(TRANSACTION\_TO) REFERENCES MYBANK\_APP\_ACCOUNT(ACCOUNT\_NUMBER) ON DELETE CASCADE;

ALTER TABLE MYBANK\_APP\_DebitCard ADD FOREIGN KEY(CUSTOMER\_ID) REFERENCES MYBANK\_APP\_CUSTOMER(CUSTOMER\_ID) ON DELETE CASCADE;

ALTER TABLE MYBANK\_APP\_DebitCard add foreign key(account\_number) references mybank\_app\_account(account\_number) on delete cascade;

commit;

alter table mybank\_app\_customer add unique(username);

alter table mybank\_app\_kyc add unique(kyc\_pan,kyc\_aadhaar);