CREATE DATABASE DRUG\_MANAGEMENT\_SYSTEM

USE DRUG\_MANAGEMENT\_SYSTEM

CREATE TABLE MEDICAL\_STORE

(

GST\_no varchar(10) PRIMARY KEY,

Store\_name varchar(20),

);

insert into MEDICAL\_STORE values('ABC1234','BL Chemist');

insert into MEDICAL\_STORE values('DEF1234','Ajay Medical Store');

insert into MEDICAL\_STORE values('ABC4567','Nath Brothers');

insert into MEDICAL\_STORE values('DEF7890','First care Pharmacy');

insert into MEDICAL\_STORE values('XYZ7890','Vats Medicos');

insert into MEDICAL\_STORE values('PQR4567','City Medicos');

insert into MEDICAL\_STORE values('SDF3456','Anupam Medicos');

insert into MEDICAL\_STORE values('CFG7867','Ashoka Medicines');

insert into MEDICAL\_STORE values('RTY6754','Sanjivani Medicos')

CREATE TABLE STOCK

(

Item\_id varchar(20) PRIMARY KEY,

Item\_type varchar(15),

Item\_name varchar(30),

Mfg\_date date,

Exp\_date date,

Quantity int,

Price float

);

insert into STOCK values('456ACF','Medicine','Paracetamol','2015-02-02','2018-03-12',200,5.50);

insert into STOCK values('786GHF','Soap','Johnsons','02/02/2016','2020-09-04',150,15);

insert into STOCK values('676UCF','Medicine','Disprin','2015-05-26','2019-02-14',170,3.50);

insert into STOCK values('986RCF','Bandage','BAND AID','2015-02-20','2020-10-18',400,2.00);

insert into STOCK values('QW6TYF','Medicine','Chrocine','2016-08-30','2019-09-04',180,6.00);

insert into STOCK values('576APO','Medicine','Benadryl','2015-02-18','2020-09-04',220,40);

insert into STOCK values('876YUF','Medicine','Hydrocodone','2015-02-02','2018-09-29',200,5.50);

insert into STOCK values('976APO','Medicine','Metformin','2015-03-08','2018-09-29',90,10.00);

CREATE TABLE PERSON

(

Login\_id varchar(20) PRIMARY KEY,

P\_Password varchar(10),

P\_name varchar(30),

Contact\_no varchar(10)

);

insert into PERSON values('170047','MEDICAL','Alisa','7654322110');

insert into PERSON values('170048','MEDICAL1','John','1765862190');

insert into PERSON values('170049','MEDICAL12','Bob','2365692310');

insert into PERSON values('170050','MEDICAL23','Taylor','9256543210');

insert into PERSON values('170051','MEDICAL53','Jennifer','9132543210');

insert into PERSON values('170052','MEDICAL7','Kim','563643210');

insert into PERSON values('170053','MEDICAL8','Suzi','7625543210');

insert into PERSON values('170054','MEDICAL09','Monica','2654233210');

insert into PERSON values('170055','MEDICAL32','Alisa','4126543210');

CREATE TABLE CUSTOMERS

(

Login\_id varchar(20) FOREIGN KEY REFERENCES PERSON(Login\_id)

);

insert into CUSTOMERS values('170047');

insert into CUSTOMERS values('170048');

insert into CUSTOMERS values('170050');

insert into CUSTOMERS values('170051');

insert into CUSTOMERS values('170053');

insert into CUSTOMERS values('170055');

CREATE TABLE DEALERS

(

Login\_id varchar(20) FOREIGN KEY REFERENCES PERSON(Login\_id),

Experience int

);

insert into DEALERS values('170049',5);

insert into DEALERS values('170052',7);

insert into DEALERS values('170054',3);

CREATE TABLE BILL

(

Bill\_no int PRIMARY KEY,

Bill\_date date,

GST\_no varchar(10) FOREIGN KEY REFERENCES MEDICAL\_STORE(GST\_no),

Login\_id varchar(20) FOREIGN KEY REFERENCES PERSON(Login\_id)

);

insert into BILL values(1245,'2018-06-04','ABC1234',170047);

insert into BILL values(365,'2017-06-04','ABC1234',170048);

insert into BILL values(8965,'2017-08-04','DEF1234',170051);

insert into BILL values(1275,'2018-12-04','PQR4567',170053);

insert into BILL values(1255,'2018-07-05','PQR4567',170053);

insert into BILL values(5265,'2018-06-07','CFG7867',170048);

insert into BILL values(2345,'2018-11-15','RTY6754',170047);

insert into BILL values(7855,'2018-06-14','ABC1234',170051);

CREATE TABLE TRANSACTIONS

(

Trans\_id varchar(20) PRIMARY KEY,

Trans\_date date,

Login\_id varchar(20) FOREIGN KEY REFERENCES PERSON(Login\_id),

GST\_no varchar(10) FOREIGN KEY REFERENCES MEDICAL\_STORE(GST\_no)

);

insert into TRANSACTIONS values('ABCDE','2017-02-03','170049','ABC1234');

insert into TRANSACTIONS values('DEFGH','2018-02-03','170052','ABC4567');

insert into TRANSACTIONS values('IJKLM','2017-10-03','170049','SDF3456');

insert into TRANSACTIONS values('NOPQR','2017-02-17','170052','DEF7890');

insert into TRANSACTIONS values('FGHIJ','2018-02-03','170052','ABC1234');

insert into TRANSACTIONS values('LMNOP','2017-07-03','170049','PQR4567');

insert into TRANSACTIONS values('BCDEF','2017-02-04','170054','RTY6754');

CREATE TABLE TRANSACTS

(

Trans\_id varchar(20) FOREIGN KEY REFERENCES TRANSACTIONS(Trans\_id),

Item\_id varchar(20) FOREIGN KEY REFERENCES STOCK(Item\_id),

Trans\_Quan int,

PRIMARY KEY (Trans\_id,Item\_id)

);

insert into TRANSACTS values('ABCDE','456ACF',450);

insert into TRANSACTS values('ABCDE','986RCF',500);

insert into TRANSACTS values('ABCDE','876YUF',520);

insert into TRANSACTS values('NOPQR','456ACF',700);

insert into TRANSACTS values('BCDEF','QW6TYF',650);

insert into TRANSACTS values('LMNOP','976APO',450);

insert into TRANSACTS values('NOPQR','786GHF',120);

insert into TRANSACTS values('IJKLM','456ACF',50);

insert into TRANSACTS values('FGHIJ','986RCF',350);

insert into TRANSACTS values('DEFGH','876YUF',90);

insert into TRANSACTS values('BCDEF','576APO',100);

CREATE TABLE STORE\_HOLDS

(

GST\_no varchar(10) FOREIGN KEY REFERENCES MEDICAL\_STORE(GST\_no),

Item\_id varchar(20) FOREIGN KEY REFERENCES STOCK(Item\_id),

PRIMARY KEY (GST\_no,Item\_id)

);

insert into STORE\_HOLDS values('ABC1234','456ACF');

insert into STORE\_HOLDS values('ABC1234','676UCF');

insert into STORE\_HOLDS values('CFG7867','986RCF');

insert into STORE\_HOLDS values('ABC4567','786GHF');

insert into STORE\_HOLDS values('DEF7890','456ACF');

insert into STORE\_HOLDS values('ABC1234','QW6TYF');

insert into STORE\_HOLDS values('DEF7890','576APO');

insert into STORE\_HOLDS values('DEF1234','876YUF');

insert into STORE\_HOLDS values('XYZ7890','976APO');

insert into STORE\_HOLDS values('PQR4567','676UCF');

insert into STORE\_HOLDS values('SDF3456','876YUF');

insert into STORE\_HOLDS values('RTY6754','976APO');

CREATE TABLE FROM\_STOCK

(

Item\_id varchar(20) FOREIGN KEY REFERENCES STOCK(Item\_id),

Bill\_no int FOREIGN KEY REFERENCES BILL(bill\_no),

Quan\_purchased int,

PRIMARY KEY(Item\_id,Bill\_no)

);

insert into FROM\_STOCK values('456ACF',1245,10);

insert into FROM\_STOCK values('456ACF',365,5);

insert into FROM\_STOCK values('676UCF',8965,15);

insert into FROM\_STOCK values('986RCF',1275,20);

insert into FROM\_STOCK values('QW6TYF',1255,25);

insert into FROM\_STOCK values('576APO',5265,10);

insert into FROM\_STOCK values('876YUF',2345,12);

insert into FROM\_STOCK values('976APO',7855,20);

insert into FROM\_STOCK values('456ACF',7855,30);

insert into FROM\_STOCK values('576APO',1245,25);

insert into FROM\_STOCK values('QW6TYF',1245,35);

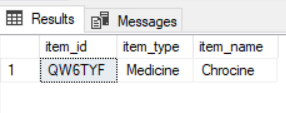
--QUERIES

--1.) WHICH MEDICINE IS THE BEST SELLER

SELECT s.item\_id,item\_type,item\_name

FROM STOCK as s,FROM\_STOCK as f

WHERE s.item\_id=f.item\_id AND f.quan\_purchased=(SELECT max(quan\_purchased) FROM FROM\_STOCK)

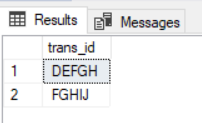


--2.) ENLIST ALL THE TRANSACTION\_IDS THAT TOOK PLACE ON 03/02/2018

SELECT trans\_id

FROM TRANSACTIONS

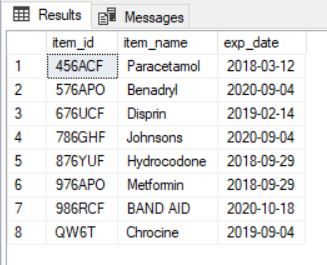
WHERE trans\_date='2018-02-03'



--3.) LIST THE EXPIRY DATES OF ALL STOCKS

SELECT item\_id,item\_name,exp\_date

FROM STOCK

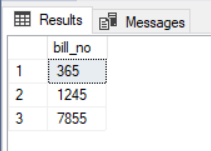


--4.) LIST THE BILL\_NUMBERS OF ALL THE BILLS GENERATED BY BL CHEMIST

SELECT bill\_no

FROM BILL,MEDICAL\_STORE

WHERE BILL.GST\_no=MEDICAL\_STORE.GST\_no AND MEDICAL\_STORE.Store\_name='BL Chemist'

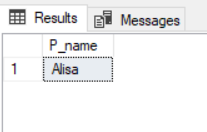


--5.)INTO WHOSE NAME THE BILL\_NO 2345 HAS BEEN ISSUED

SELECT P\_name

FROM PERSON,BILL

WHERE BILL.Bill\_no=2345 AND BILL.login\_id=PERSON.login\_id

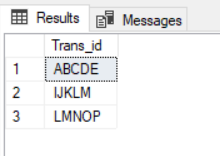


--6.) WHAT ARE THE TRANSACTION ID S ASSOCIATED WITH DEALER BOB

SELECT Trans\_id

FROM TRANSACTIONS,PERSON

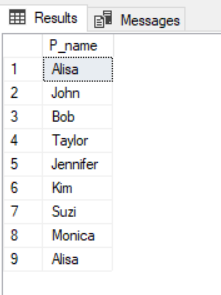
WHERE PERSON.login\_id=TRANSACTIONS.login\_id AND PERSON.P\_name='Bob'



--7) LIST THE NAMES OF ALL CUSTOMERS

SELECT P\_name

FROM PERSON



--8) FIND THE DEALER WHO IS MOST EXPERIENCED

SELECT PERSON.login\_id,PERSON.P\_name

FROM DEALERS,PERSON

WHERE DEALERS.login\_id=PERSON.login\_id AND experience=(select max(experience) FROM DEALERS)

