Table creation – (Account\_Master)

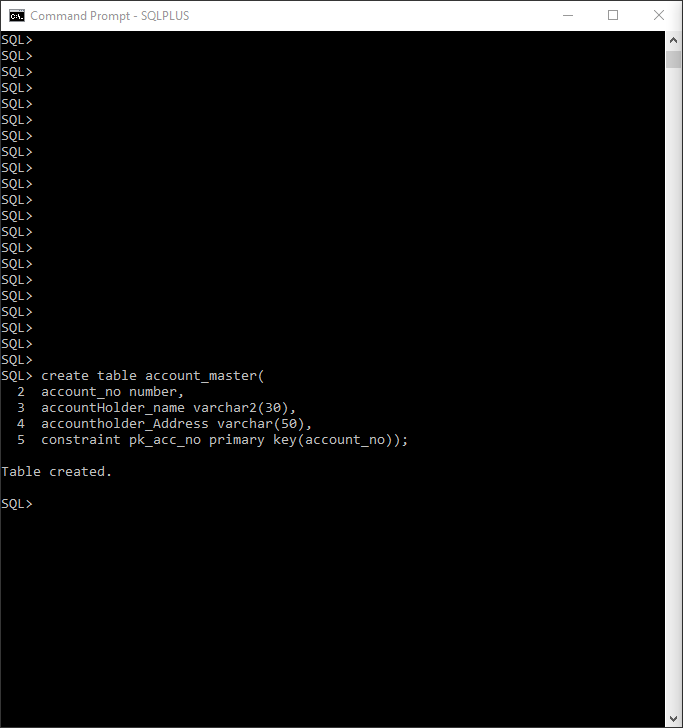
create table account\_master(

2 account\_no number,

3 accountHolder\_name varchar2(30),

4 accountholder\_Address varchar(50),

5 constraint pk\_acc\_no primary key(account\_no));



Data Insertion

1.

insert into Account\_Master values(&account\_no,'&accountHolder\_name','&accountholder\_address');

Enter value for account\_no: 10001

Enter value for accountholder\_name: Rajesh Sharma

Enter value for accountholder\_address: Mumbai

old 1: insert into Account\_Master values(&account\_no,'&accountHolder\_name','&accountholder\_address')

new 1: insert into Account\_Master values(10001,'Rajesh Sharma','Mumbai')2.

2.

/

Enter value for account\_no: 10002

Enter value for accountholder\_name: Aniket Vishwas

Enter value for accountholder\_address: Delhi

old 1: insert into Account\_Master values(&account\_no,'&accountHolder\_name','&accountholder\_address')

new 1: insert into Account\_Master values(10002,'Aniket Vishwas','Delhi')

3.

/

Enter value for account\_no: 10003

Enter value for accountholder\_name: Abhishek Kumar

Enter value for accountholder\_address: Pune

old 1: insert into Account\_Master values(&account\_no,'&accountHolder\_name','&accountholder\_address')

new 1: insert into Account\_Master values(10003,'Abhishek Kumar','Pune')

4.

/

Enter value for account\_no: 10004

Enter value for accountholder\_name: Shivani Shah

Enter value for accountholder\_address: Gandhinagar

old 1: insert into Account\_Master values(&account\_no,'&accountHolder\_name','&accountholder\_address')

new 1: insert into Account\_Master values(10004,'Shivani Shah','Gandhinagar')

5.

/

SQL> /

Enter value for account\_no: 10005

Enter value for accountholder\_name: Anjali Mishra

Enter value for accountholder\_address: Mumbai

old 1: insert into Account\_Master values(&account\_no,'&accountHolder\_name','&accountholder\_address')

new 1: insert into Account\_Master values(10005,'Anjali Mishra','Mumbai')

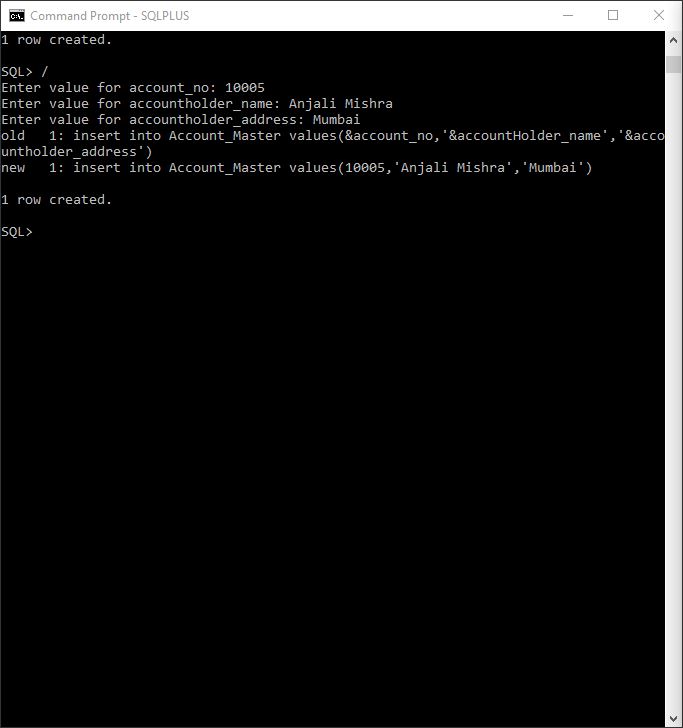
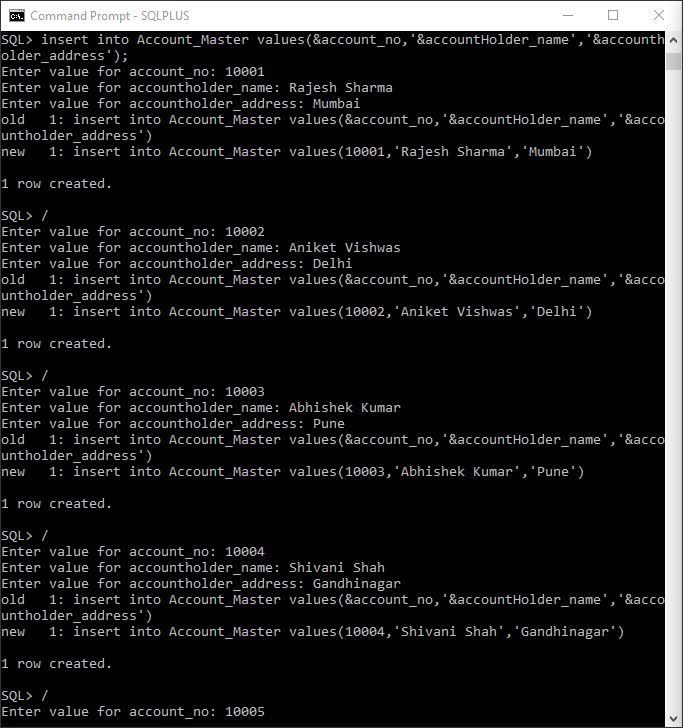


Table Creation (Transactions)

SQL> create table Transactions(

2 Transaction\_ID number,

3 Transaction\_Date date,

4 Transaction\_Type Varchar2(15),

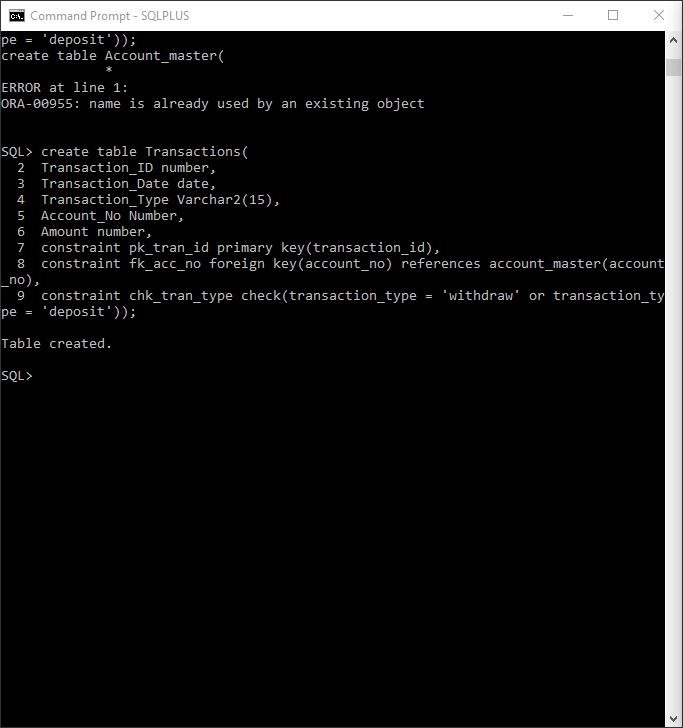
5 Account\_No Number,

6 Amount number,

7 constraint pk\_tran\_id primary key(transaction\_id),

8 constraint fk\_acc\_no foreign key(account\_no) references account\_master(account\_no),

9 constraint chk\_tran\_type check(transaction\_type = 'withdraw' or transaction\_type = 'deposit'));



Data Insertion

1.

insert into transactions values(&transaction\_id,'&Transaction\_Date','&Transaction\_Type','&Account\_No','&Amount');

Enter value for transaction\_id: 111

Enter value for transaction\_date: 22-aug-2014

Enter value for transaction\_type: withdraw

Enter value for account\_no: 10001

Enter value for amount: 5000

old 1: insert into transactions values(&transaction\_id,'&Transaction\_Date','&Transaction\_Type','&Account\_No','&Amount')

new 1: insert into transactions values(111,'22-aug-2014','withdraw','10001','5000')

2.

/

Enter value for transaction\_id: 112

Enter value for transaction\_date: 23-sep-2014

Enter value for transaction\_type: deposit

Enter value for account\_no: 10004

Enter value for amount: 20000

old 1: insert into transactions values(&transaction\_id,'&Transaction\_Date','&Transaction\_Type','&Account\_No','&Amount')

new 1: insert into transactions values(112,'23-sep-2014','deposit','10004','20000')

3.

/

Enter value for transaction\_id: 113

Enter value for transaction\_date: 15-feb-2015

Enter value for transaction\_type: withdraw

Enter value for account\_no: 10002

Enter value for amount: 6000

old 1: insert into transactions values(&transaction\_id,'&Transaction\_Date','&Transaction\_Type','&Account\_No','&Amount')

new 1: insert into transactions values(113,'15-feb-2015','withdraw','10002','6000')

4.

/

Enter value for transaction\_id: 114

Enter value for transaction\_date: 18-jun-2015

Enter value for transaction\_type: withdraw

Enter value for account\_no: 10002

Enter value for amount: 3000

old 1: insert into transactions values(&transaction\_id,'&Transaction\_Date','&Transaction\_Type','&Account\_No','&Amount')

new 1: insert into transactions values(114,'18-jun-2015','withdraw','10002','3000')

5.

/

Enter value for transaction\_id: 115

Enter value for transaction\_date: 2-jan-2016

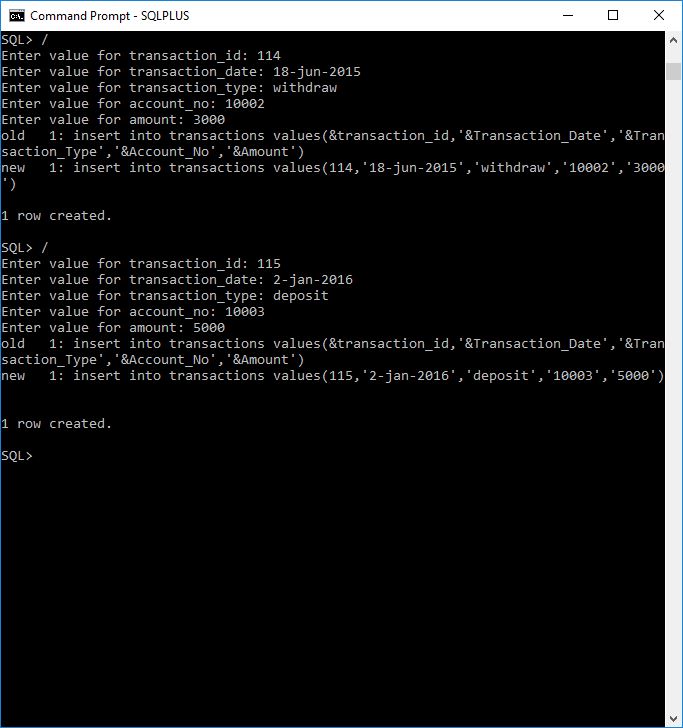
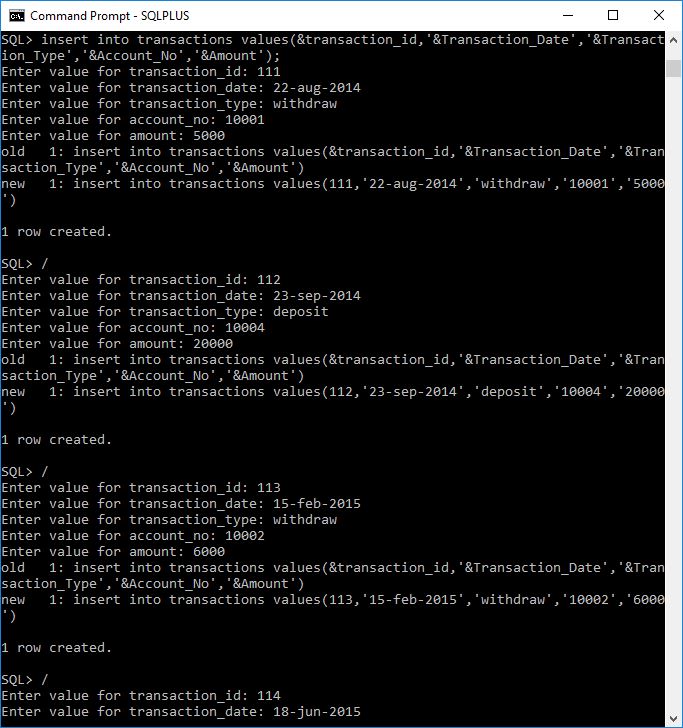
Enter value for transaction\_type: deposit

Enter value for account\_no: 10003

Enter value for amount: 5000

old 1: insert into transactions values(&transaction\_id,'&Transaction\_Date','&Transaction\_Type','&Account\_No','&Amount')

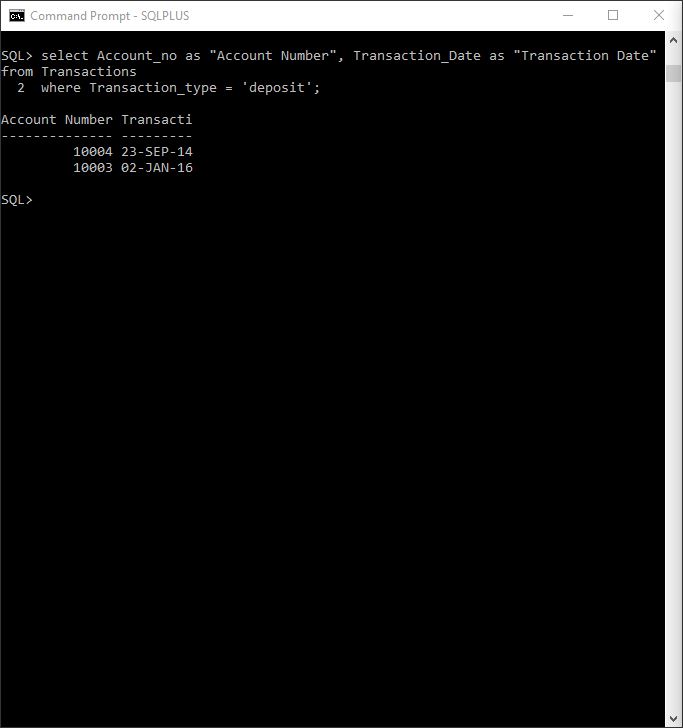
new 1: insert into transactions values(115,'2-jan-2016','deposit','10003','5000')



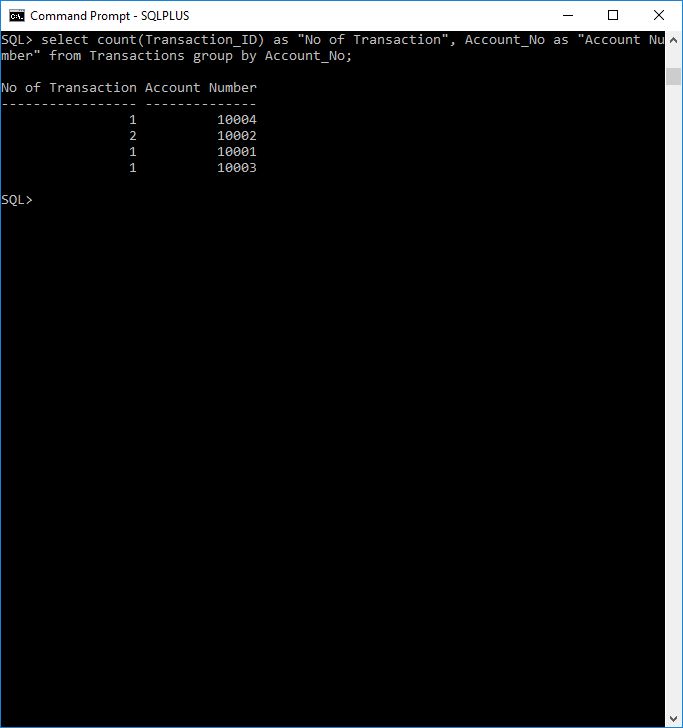
Answer of question 2

1.

select Account\_no as "Account Number", Transaction\_Date as "Transaction Date" from Transactions where Transaction\_type = 'deposit';



2. select count(Transaction\_ID) as "No of Transaction", Account\_No as "Account Number" from Transactions group by Account\_No;



3.

Select t.Transaction\_ID as "Transaction ID",

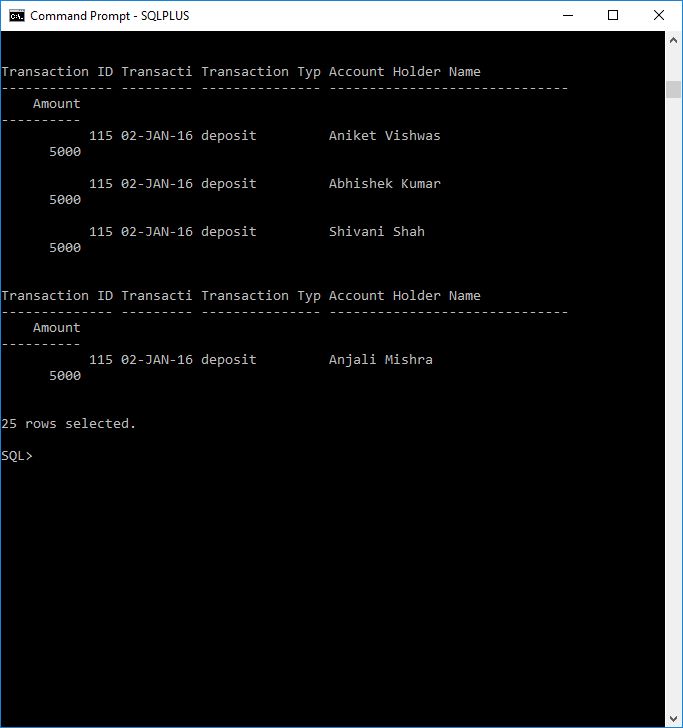
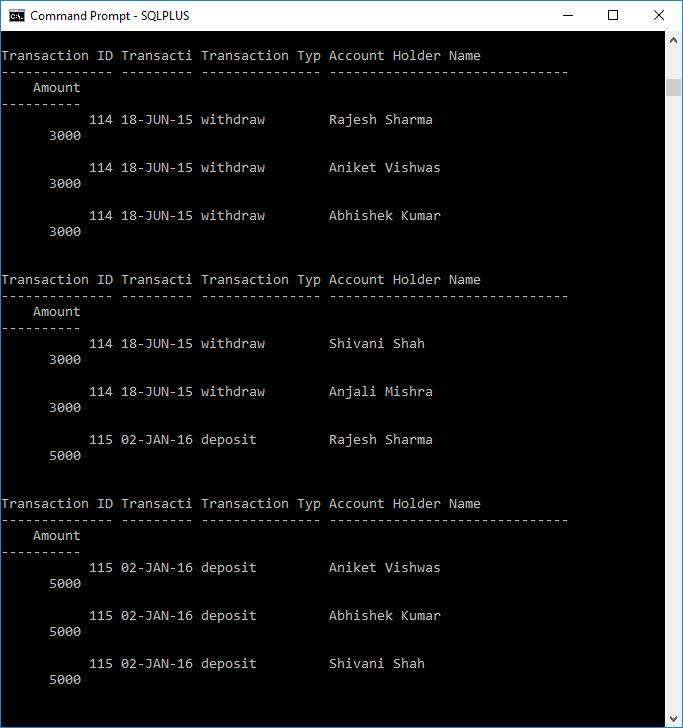
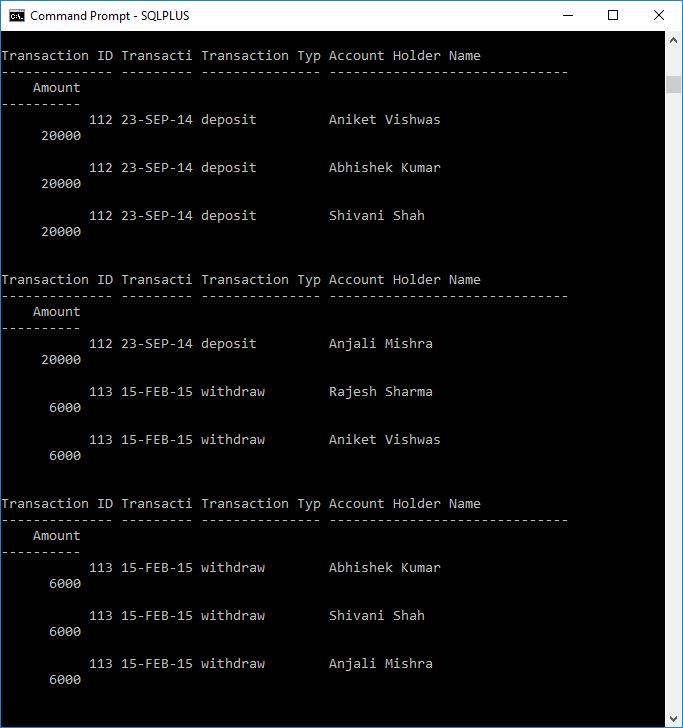
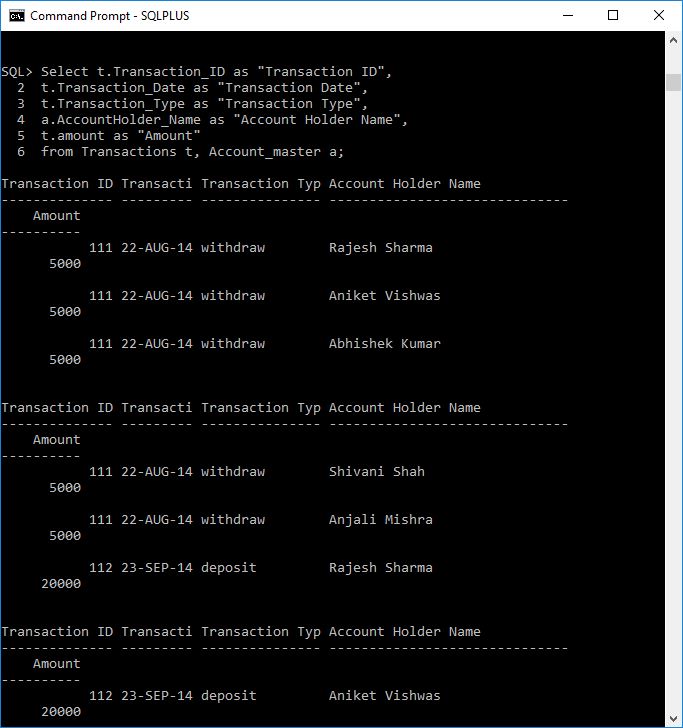
t.Transaction\_Date as "Transaction Date",

t.Transaction\_Type as "Transaction Type",

a.AccountHolder\_Name as "Account Holder Name",

t.amount as "Amount"

from Transactions t, Account\_master a;



4.

select Amount from transactions where amount between 3000 and 8000;

