Assignment 3

Name – Yash Nandkumar Morankar

Roll Number – TECOB220

**PROBLEM STATEMENT:**

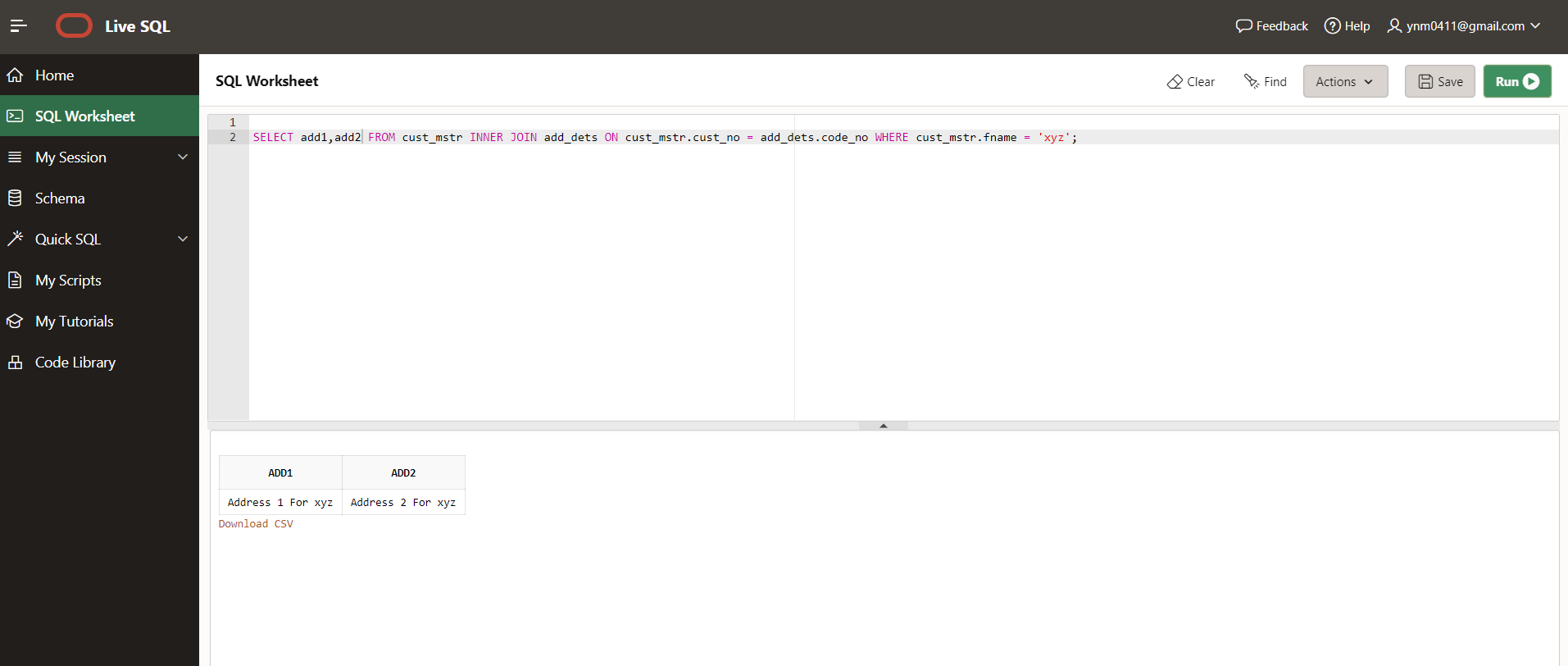
**Solve following 6 queries based on JOIN operations / Database VIEWS.**

1. Create following Tables

cust\_mstr (cust\_no,fname,lname)

add\_dets (code\_no,add1,add2,state,city,pincode)

Query: Retrieve the address of customer Fname as 'xyz' and Lname as 'pqr'

Query Ans :

2.Create following Tables

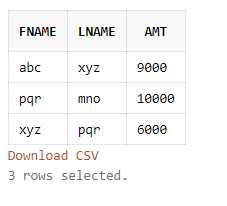
cust\_mstr(custno,fname,lname)

acc\_fd\_cust\_dets(codeno,acc\_fd\_no)

fd\_dets(fd\_sr\_no,amt)

Query: List the customer holding fixed deposit of amount more than 5000

Query Ans :



3. Create following Tables

emp\_mstr(e\_mpno,f\_name,l\_name,m\_name,dept,desg,branch\_no)

branch\_mstr(name,b\_no)

Query: List the employee details along with branch names to which they belong

Table emp\_mstr:

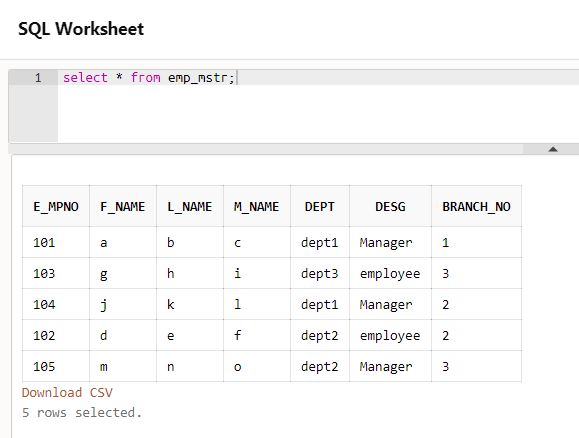
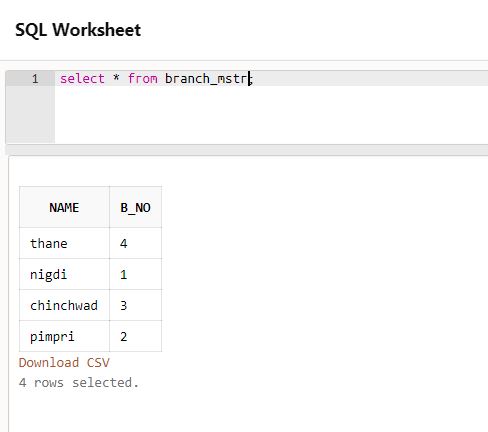
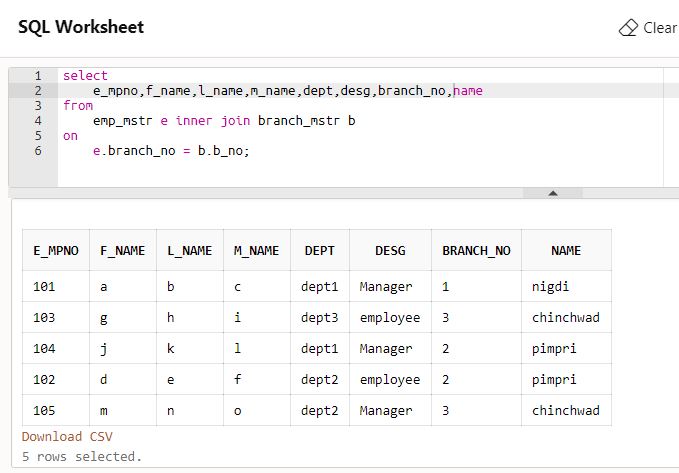


Table branch\_mstr:



Query:



4. Create following Tables

emp\_mstr(emp\_no,f\_name,l\_name,m\_name,dept)

cntc\_dets(code\_no,cntc\_type,cntc\_data)

Query: List the employee details along with contact details using left outer join & right join

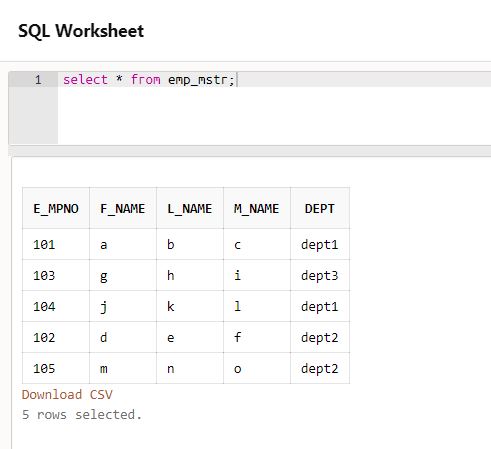
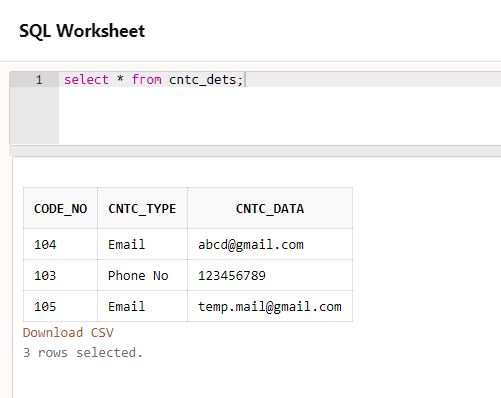
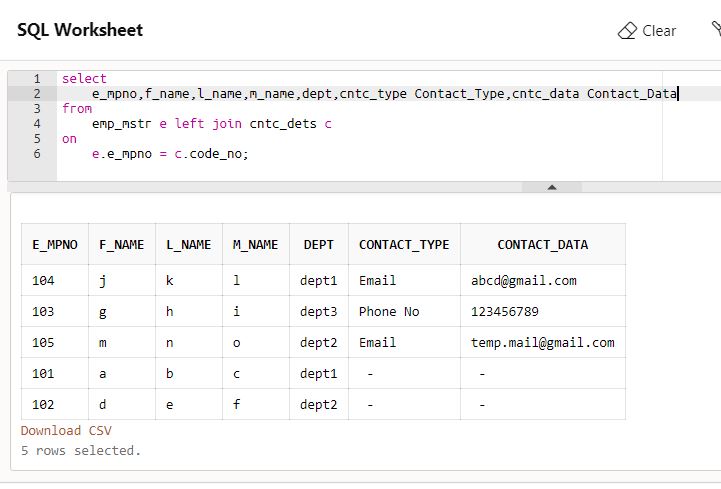
Table emp\_mstr:

Table cntc\_dets:



Left Join Query:



Right Join Query:



5. Create following Tables

cust\_mstr(cust\_no,fname,lname)

add\_dets(code\_no,pincode)

bank\_branch(name,pincode) ///// Assumed Table

Query: List the customer who do not have bank branches in their vicinity.

Table cust\_mstr:

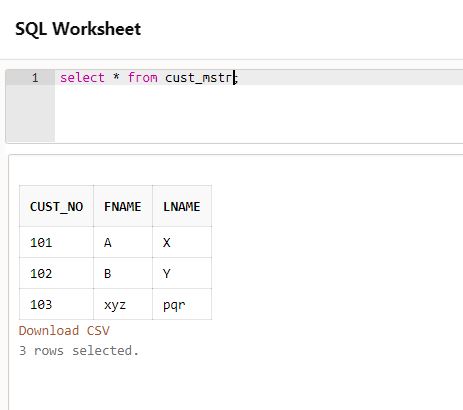


Table add\_dets:

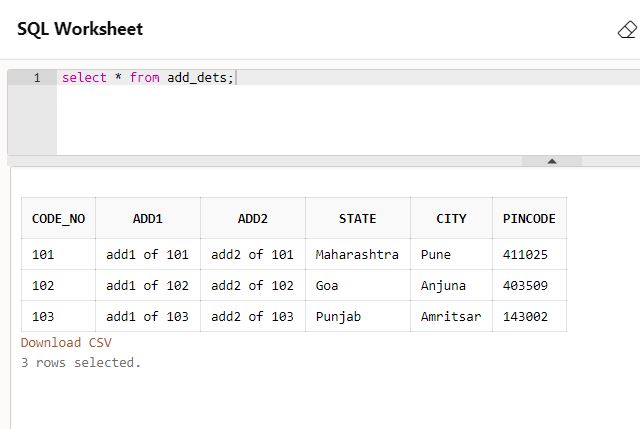
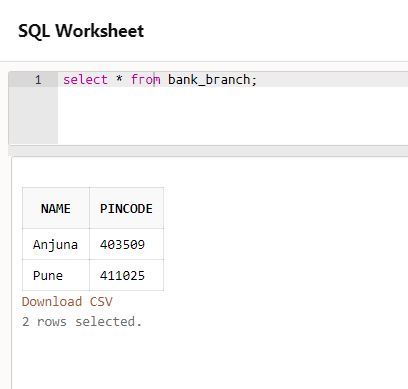
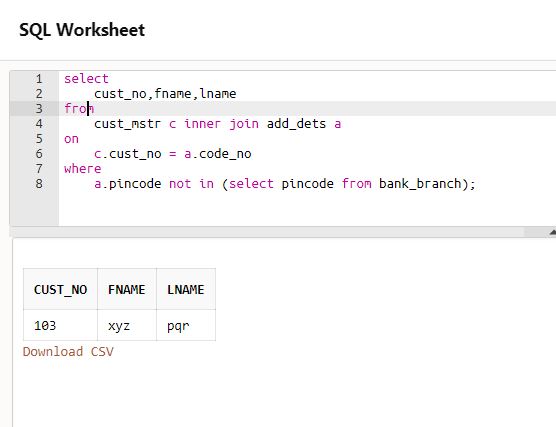


Table bank\_branch:



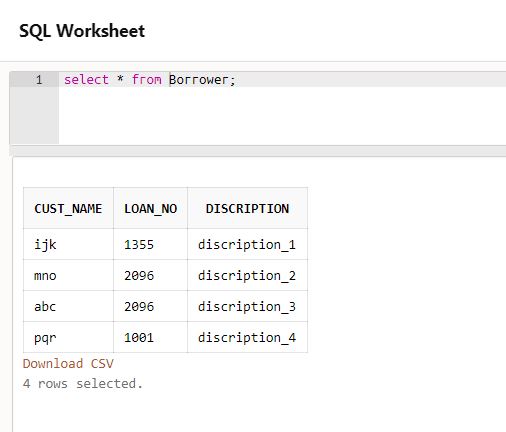
Query:



6. Queries on Views

a & c) Create Updateable View on borrower table by selecting any two columns and perform insert update delete operations

Table borrower:



Create View Query:

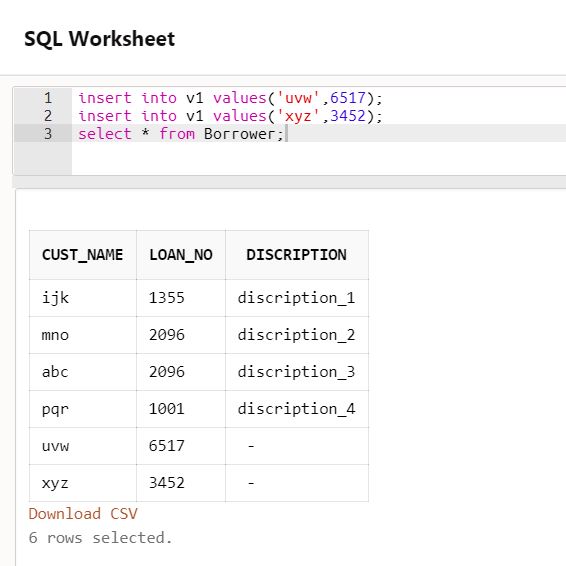
create view

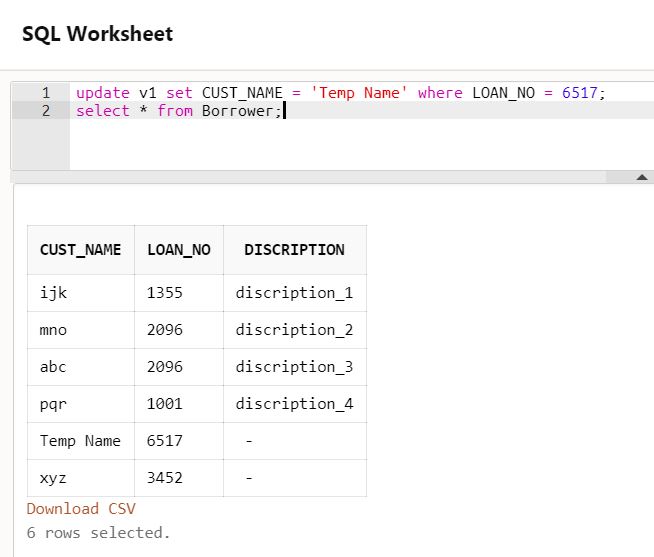
v1 as select CUST\_NAME, LOAN\_NO

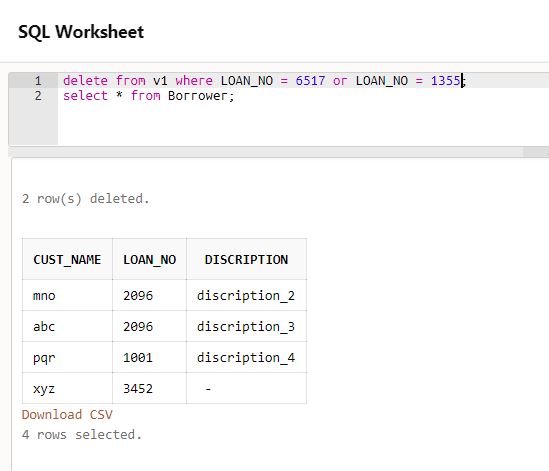
from

BORROWER;

Insert Operation on View:



Update Operation on View: 

Delete Operation on View: 

b) Create view on borrower and depositor table by selecting any one column from each table, perform insert update delete operations

Table borrower:

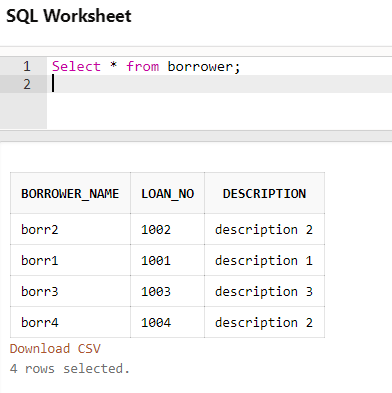
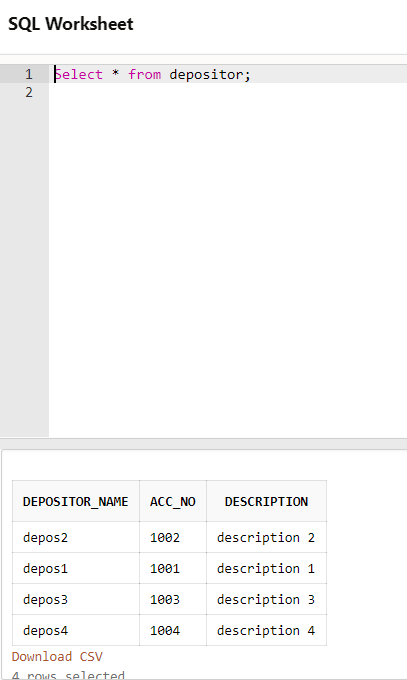


Table depositor:



Create View Query:

create view

view1 as select acc\_no, loan\_no,borrower\_name,depositor\_name

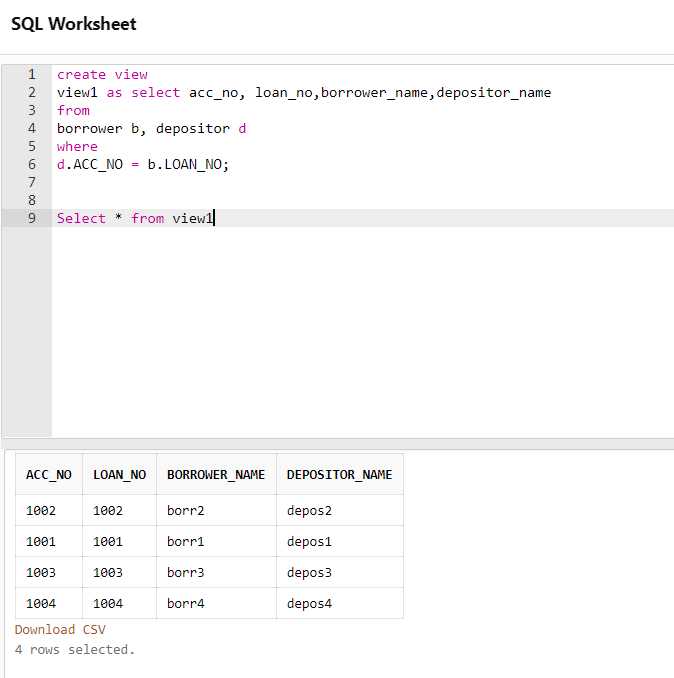
from

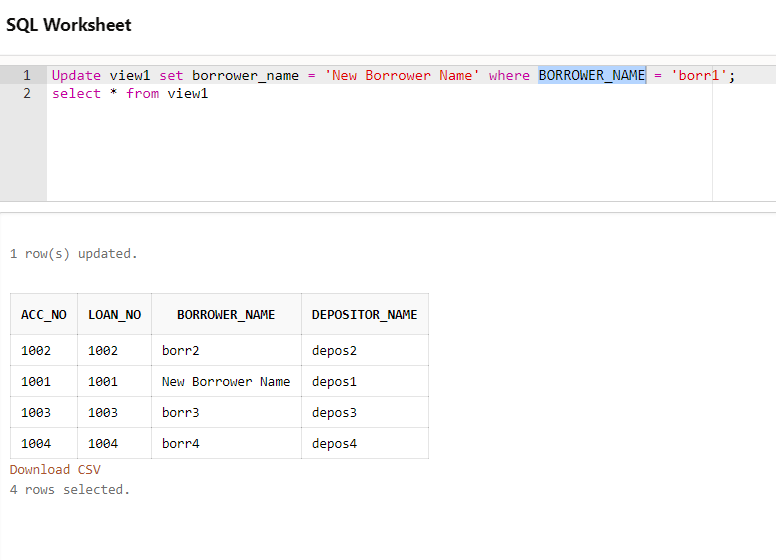
borrower b, depositor d

where

d.ACC\_NO = b.LOAN\_NO;

Update Operation on View:





Delete Operation on View:

