**1. Create a view named ‘customer\_san\_jose’ which comprises of only those customers who are from San Jose**

Answer:

create view customer\_san\_jose as

select \* from customers

where city = 'San Jose';

**2. Inside a transaction, update the first name of the customer to Francis where the last name is Jordan:**

Answer:

begin try

begin transaction

update customers set first\_name = 'Francis'

Where last\_name = 'Jordan';

commit transaction

print 'transaction successful';

end try

begin catch

rollback transaction

print 'transaction rolled back';

end catch

**a. Rollback the transaction**

Answer:

begin transaction

update customers set first\_name = 'Francis'

Where last\_name = 'Jordan';

rollback transaction

**b. Set the first name of customer to Alex, where the last nameisJordan**

Answer:

update customers set first\_name = 'Alex' where last\_name = 'Jordan';

**3. Inside a TRY... CATCH block, divide 100 with 0, print the default error message.**

Answer:

begin try

begin transaction

select 100/0;

commit transaction

print 'transaction successful';

end try

begin catch

print error\_message();

rollback transaction

end catch

**4. Create a transaction to insert a new record to Orders table and save it.**

Answer:

begin try

begin transaction

insert into Orders values(6, '2023-09-15', 342,1);

commit transaction

print 'transaction successful';

end try

begin catch

rollback transaction

print 'transaction rolled back';

end catch