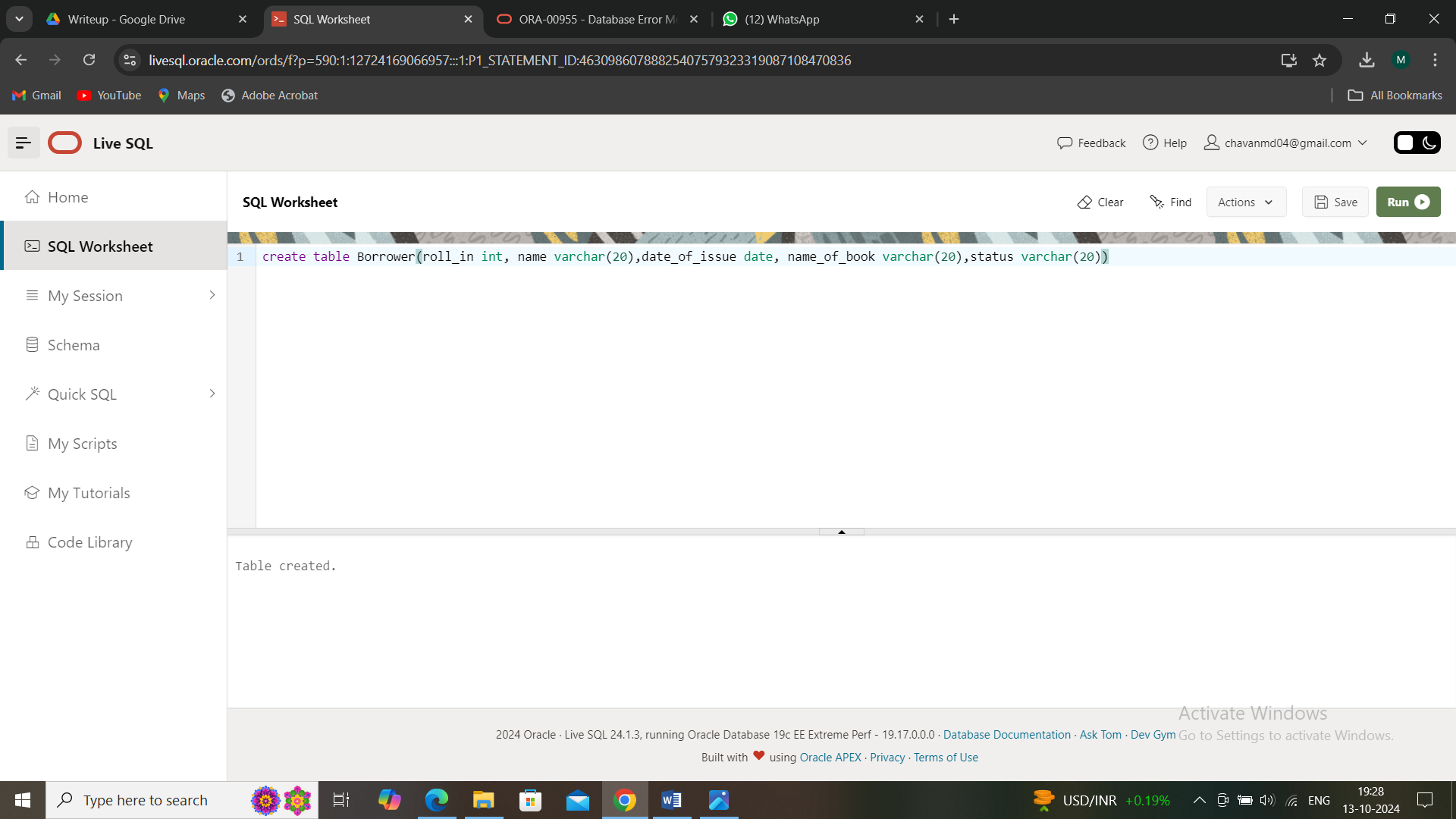
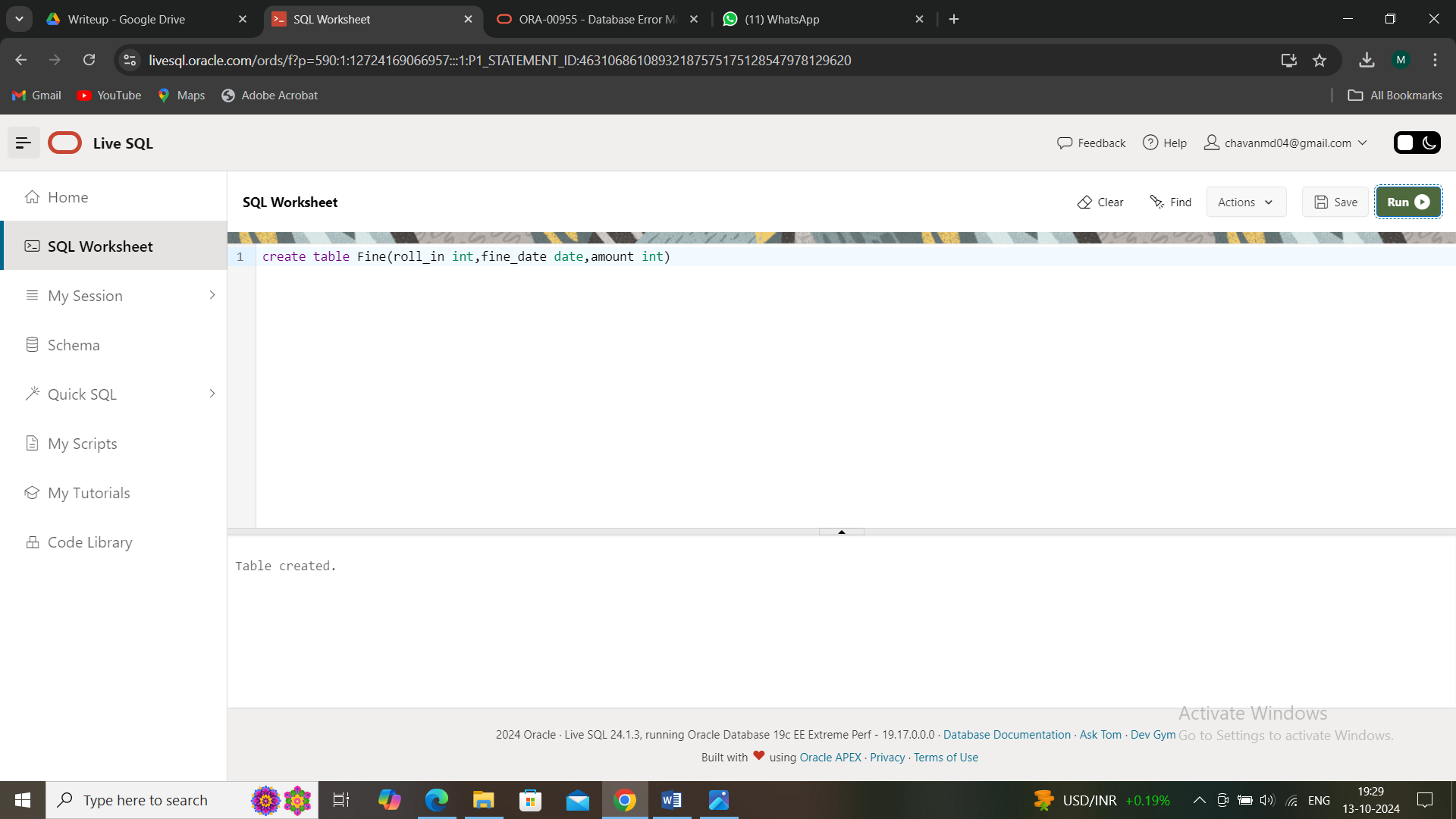
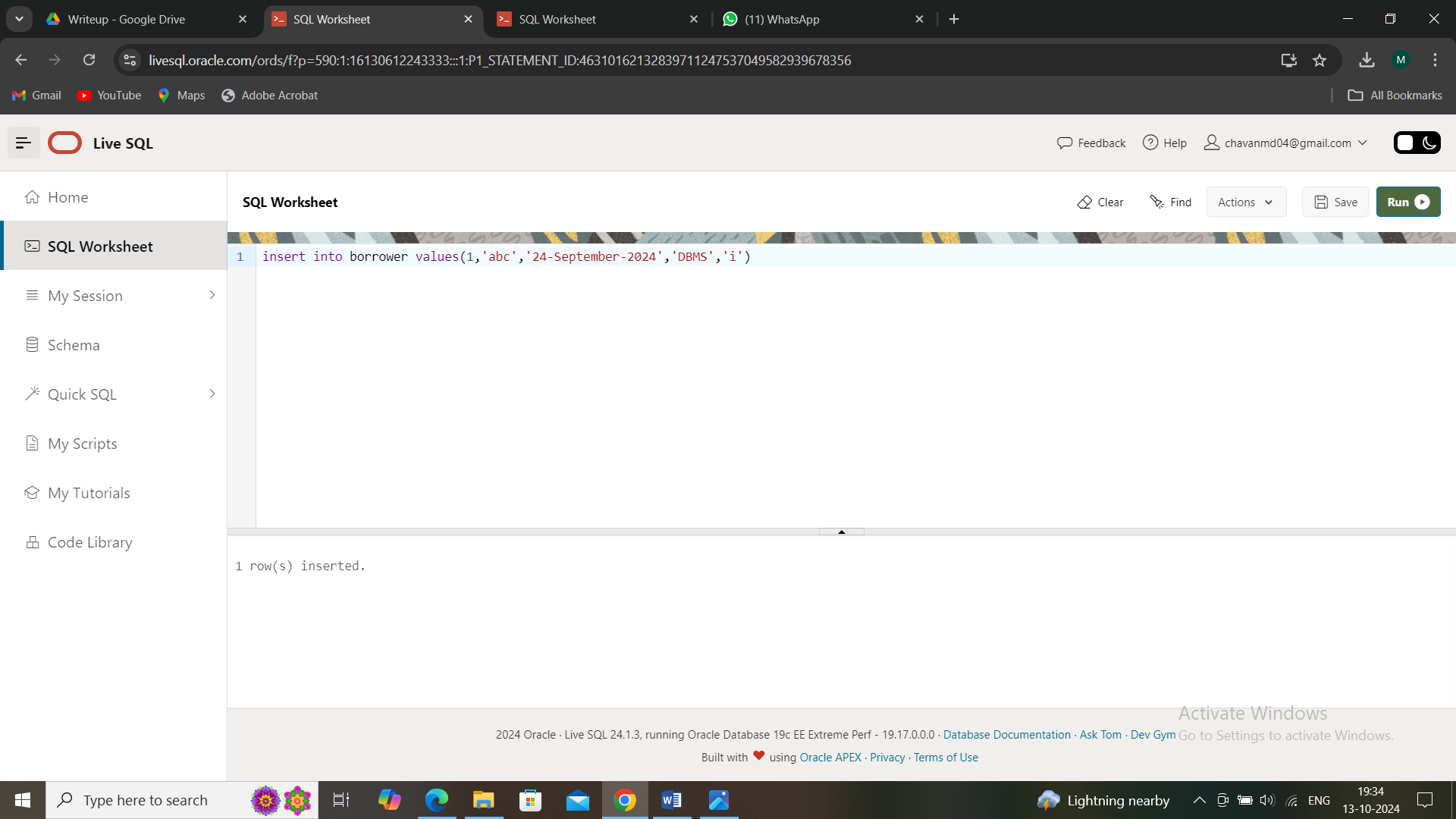
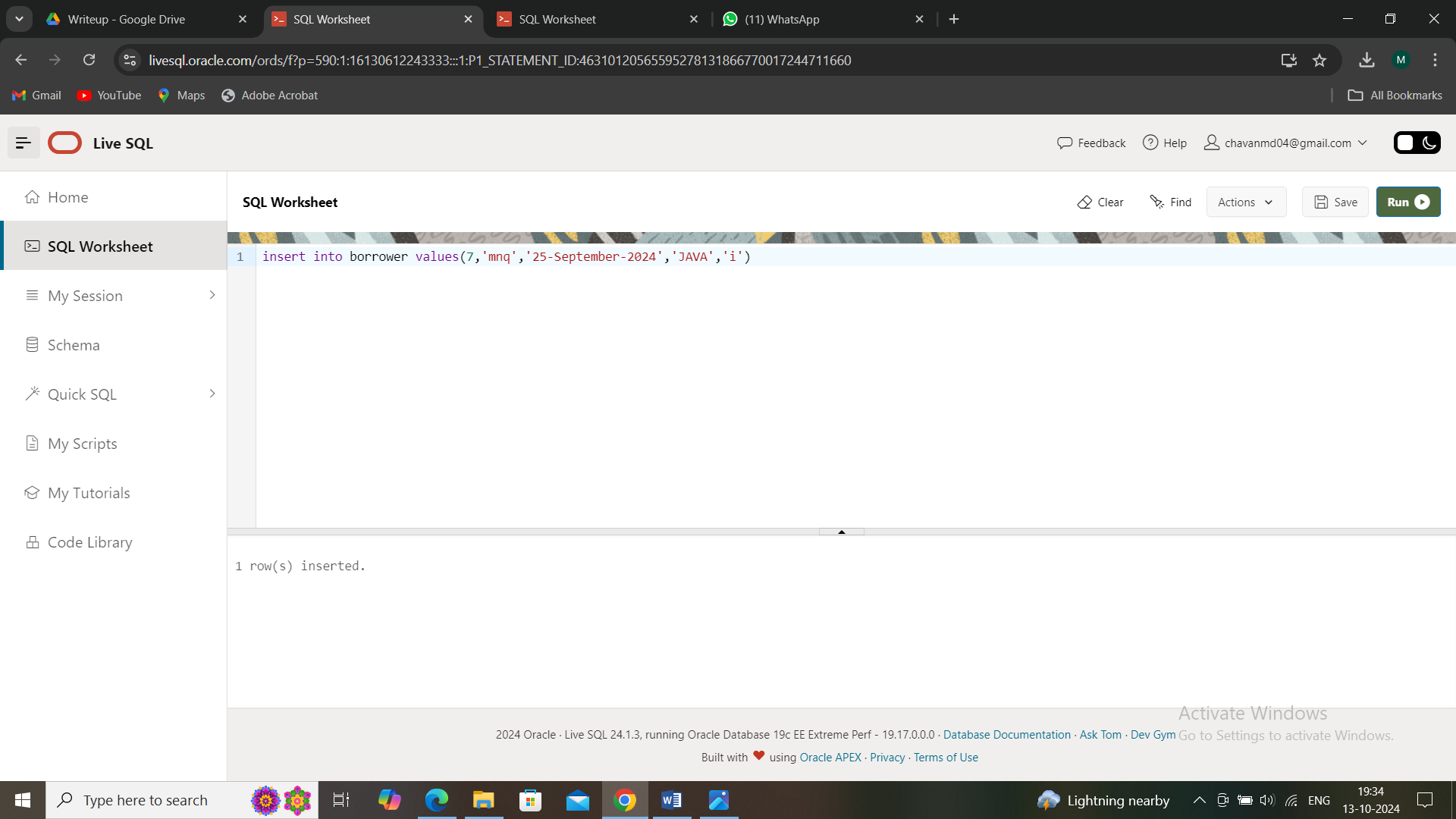
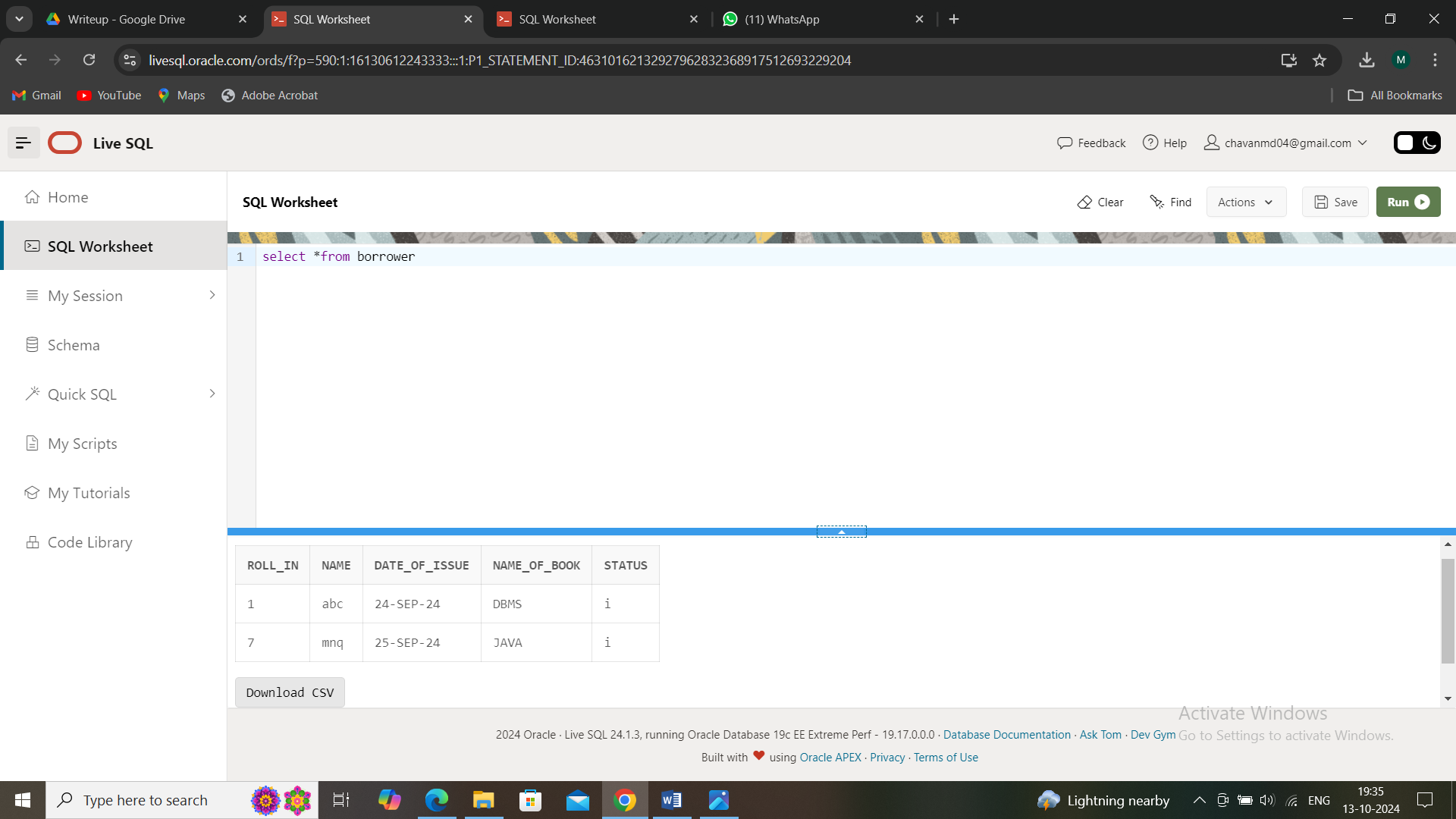
1. Borrower (Rollin, Name, DateofIssue, NameofBook, Status)











2. Fine(Roll\_no,Date,Amt)

• Accept roll\_no & name of book from user.

• Check the number of days (from date of issue), if days are between 15 to 30

then fine amount will be Rs 5per day.

• If no. of days>30, per day fine will be Rs 50 per day & for days less than 30,

Rs. 5 per day.

• After submitting the book, status will change from I to R.

• If condition of fine is true, then details will be stored into fine table.

declare

roll int:=1;

b\_name varchar(20):='DBMS';

date\_issue date;

no\_days int;

amt int:=0;

no\_days\_to\_be\_fined int:=0;

ex\_valid\_roll exception;

begin

if roll<0 then raise ex\_valid\_roll;

end if;

select date\_of\_issue into date\_issue from Borrower where roll\_in=roll and

name\_of\_book=b\_name;

dbms\_output.put\_line('Roll no'||date\_issue);

no\_days:=sysdate-date\_issue;

if(no\_days>15 and no\_days<30) then no\_days\_to\_be\_fined:=no\_days-15;

amt:=no\_days\_to\_be\_fined\*5;

insert into fine values(roll, sysdate,amt);

elsif(no\_days>30) then

no\_days\_to\_be\_fined:=no\_days-15;

amt:=no\_days\_to\_be\_fined\*50;

insert into fine values(roll,sysdate,amt);

else

amt:=0;

end if;

update Borrower set status='r' where roll\_in=roll and name\_of\_book=b\_name;

exception

when ex\_valid\_roll then

dbms\_output.put\_line('Invalid Roll no');

when no\_data\_found then

dbms\_output.put\_line('Data not Found');

when others then

dbms\_output.put\_line('');

end;



