**ASSIGNMENT-5**

**PL/SQL Block:**

declare

v\_Rollno number(10);

v\_Name varchar2(20);

v\_days number(3,0);

v\_amt number(6):=0;

cursor c1 is

select Roll\_no,Name,(sysdate-Issue\_date)

from borrower;

e1 exception;

begin

insert into fine(Roll\_no)

select Roll\_no from borrower b

where not exists(select Roll\_no from fine where Roll\_no=b.Roll\_no) and (sysdate- Issue\_date)>15;

open c1;

loop

fetch c1 into v\_Rollno,v\_Name,v\_days;

if v\_days>15 and v\_days<=30

then v\_amt:=(5\*(v\_days-15));

elsif v\_days>30

then v\_amt:=(75+50\*(v\_days-30));

elsif v\_days<15

then v\_amt:=0;

end if;

if v\_days>15

then

update fine set return\_date=sysdate,days=v\_days,amount=v\_amt

where Roll\_no=v\_Rollno;

update borrower

set status='R'

where Roll\_no=v\_Rollno;

end if;

if c1%notfound

then raise e1;

end if;

end loop;

close c1;

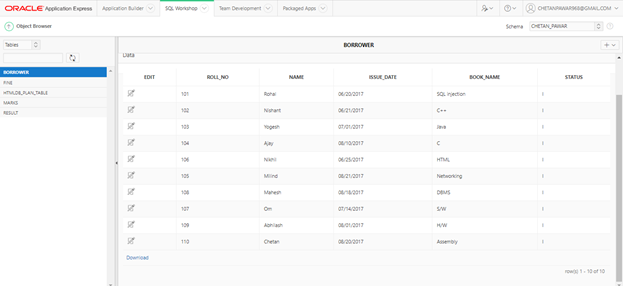
exception

when e1 then

dbms\_output.put\_line('No active Cursor');

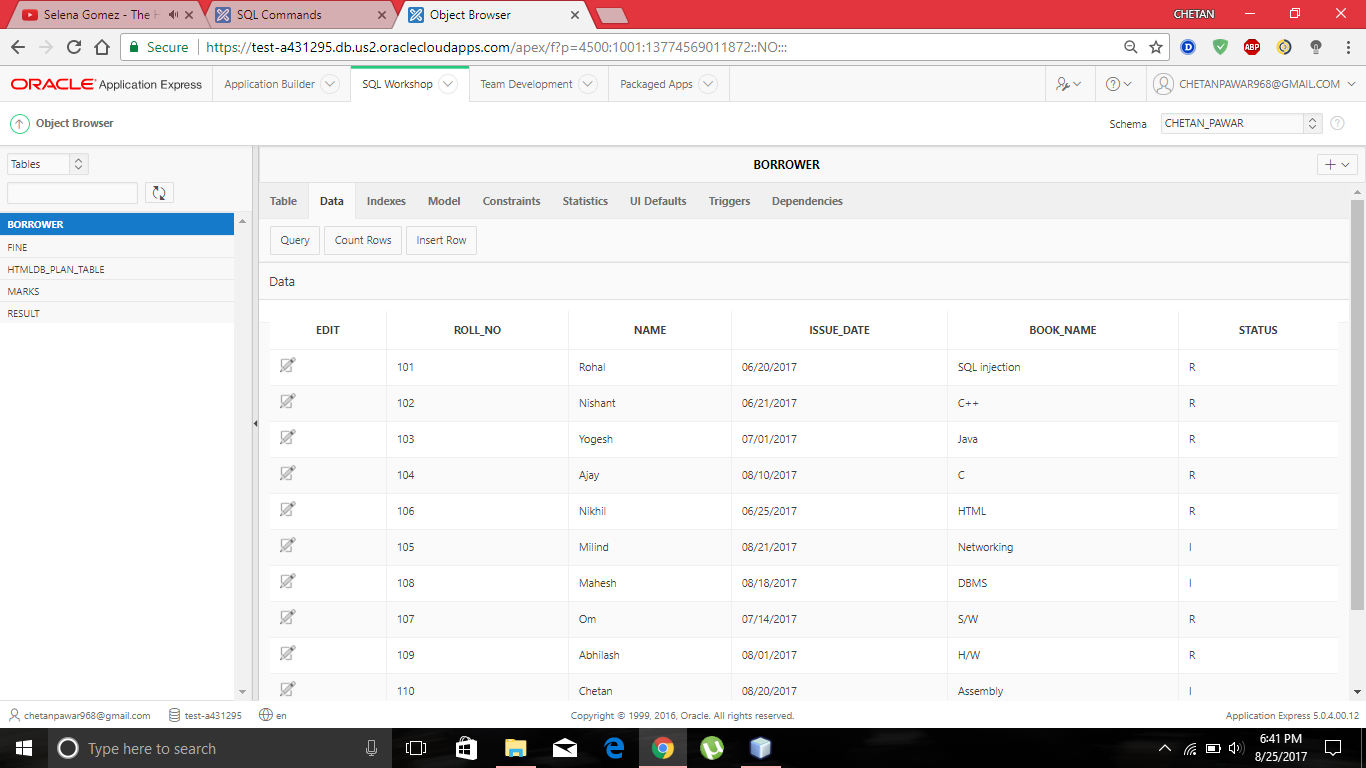
end;

**Input: Borrower table**

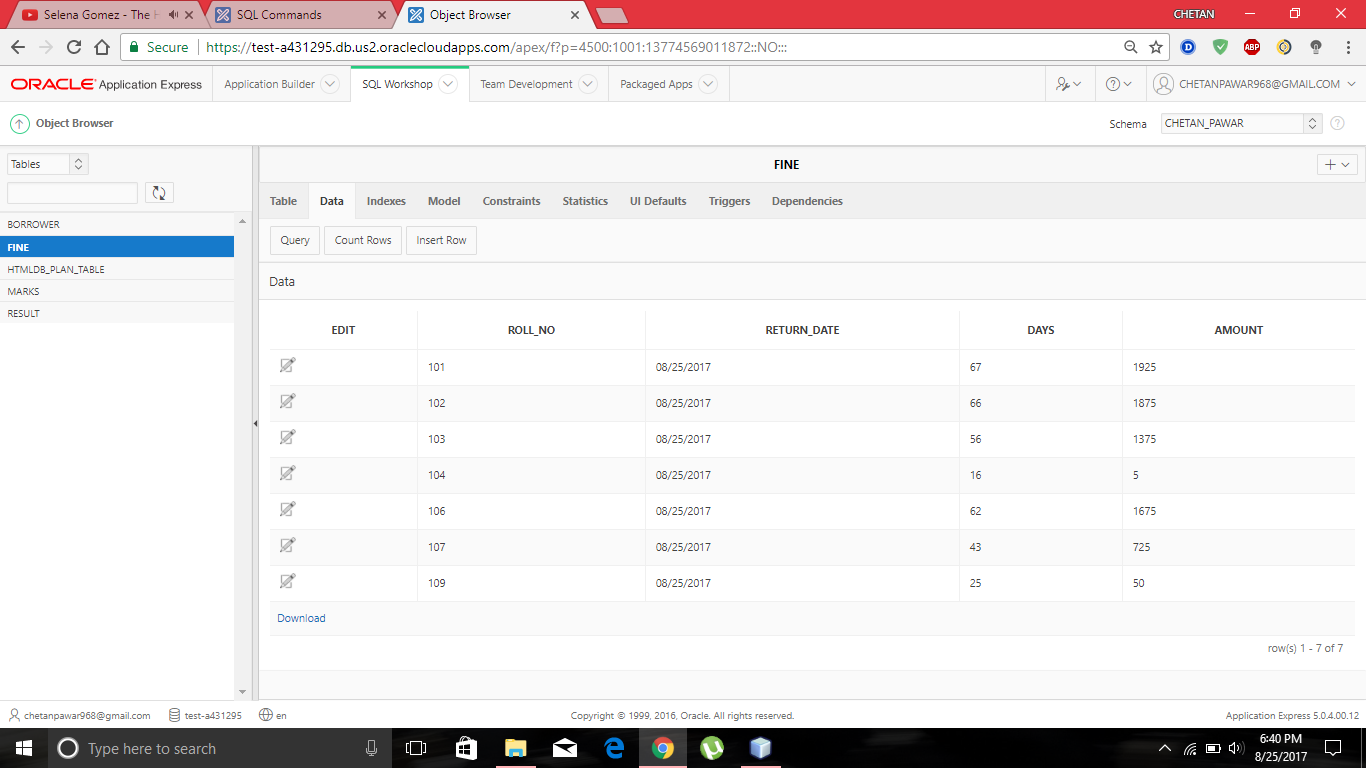
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**Output:**

**Borrower table**

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**Fine table**

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