Name ➔ *Laxman kumar Vashist*

Class ➔ *BTech. 2nd Year { E }*

University RollNo. ➔ *191500429*

Class RollNo. ➔ *'37'*

Subject ➔ *Database Management Systems Lab*

Subject Code ➔ *BCSC 0802*

Subject Teacher ➔ *MRS. Gunjan Bharadwaj*

DBMS 7th Assignment

QUS 1 ➔ Create view WeakStudent on Student whose GPA is less than 3.7.

CODE➔

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Live SQL Feedback Help laxman.vashist_cs19@gla.ac.in

SQL Worksheet Clear Find Actions Save Run

```
1  create or replace view WeakStudent as select * from student where gpa < 3.7;
2  select * from WeakStudent;
```

View created.

SID	SNAME	GPA	SIZEHS	DOB
234	Bob	3.6	1500	07-APR-95
345	Craig	3.5	500	04-FEB-95
567	Edward	2.9	2000	21-DEC-96
789	Gary	3.4	800	08-OCT-96
765	Jay	2.9	1500	08-AUG-98
543	Craig	3.4	2000	27-AUG-05

Download CSV

6 rows selected.

DBMS Assignment

QUS 2 ➔ Create a view cView on college (containing all the columns) and rename the column cName as collegeName and enrollment as seats respectively.

CODE ➔

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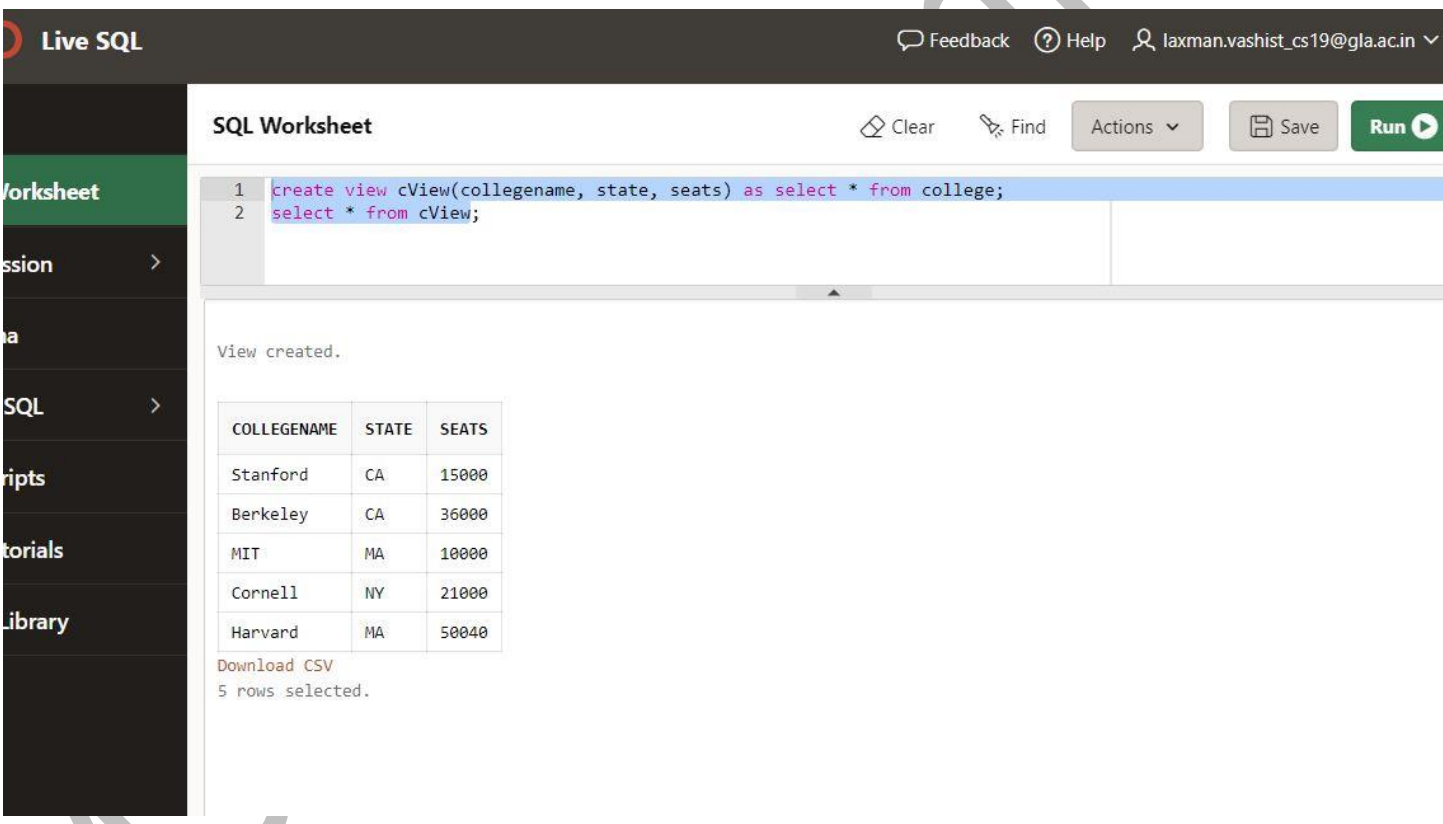

DBMS Assignment

Qus 3 ➔Create view CSaccept having IDs and college of student who applied to CS major and their application is accepted.

CODE➔

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SQL Worksheet Clear Find Actions Save Run

```
1  create view CSaccept as select sid, cname from apply where major = 'CS' and decision ='Y' ;
2  select * from CSaccept;
```

View created.

SID	CNAME
123	Stanford
123	Berkeley
345	Cornell
987	Stanford
987	Berkeley

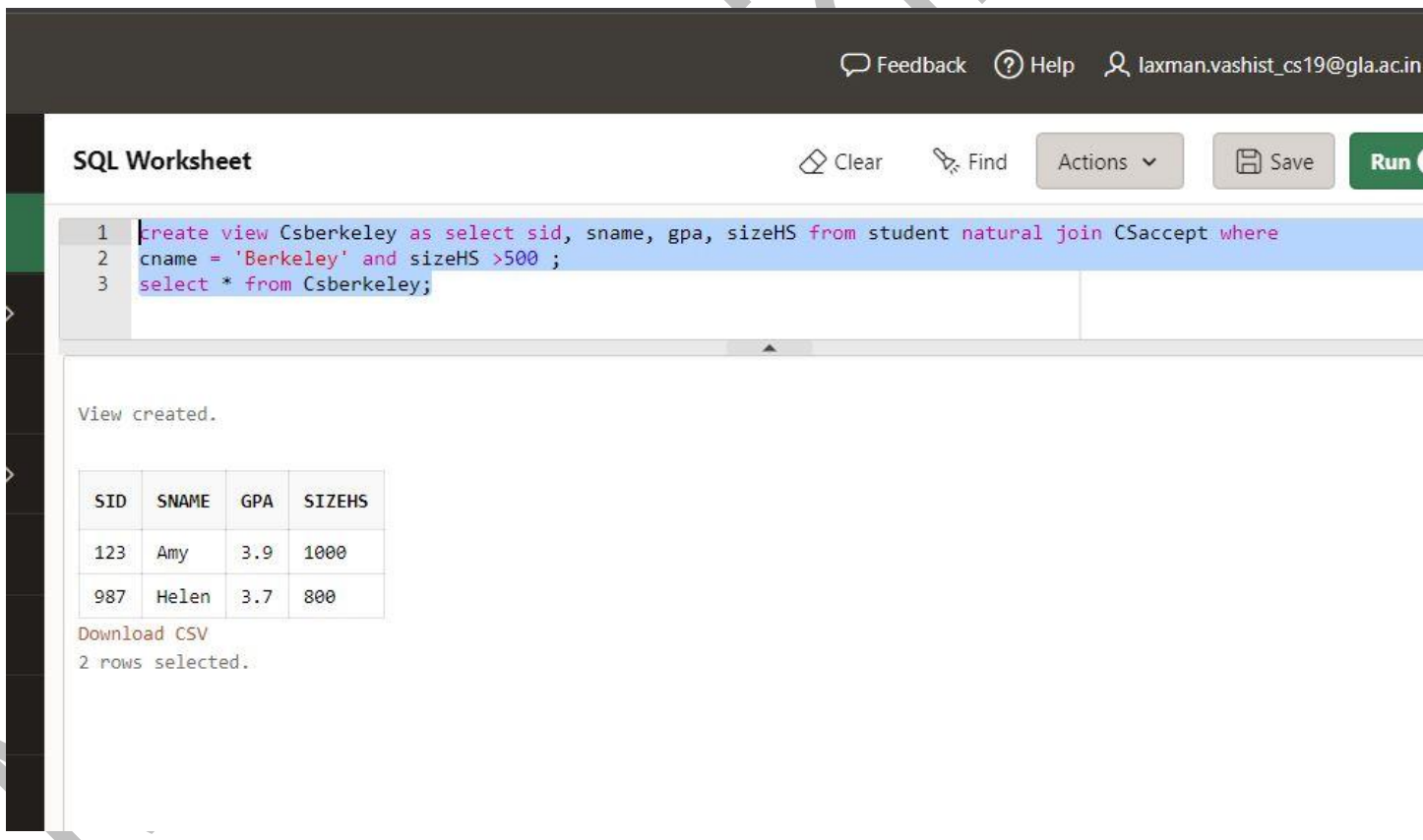
Download CSV
5 rows selected.

DBM-ament

QUS 4 ➔ Create view CSberkeley having IDs, name, GPA, sizeHS of those student who are accepted in CS at Berkeley and comes from High School that is greater than 500. (Instruction: You are required to use view CSaccept in this query with Student table for joining)

CODE ➔

======

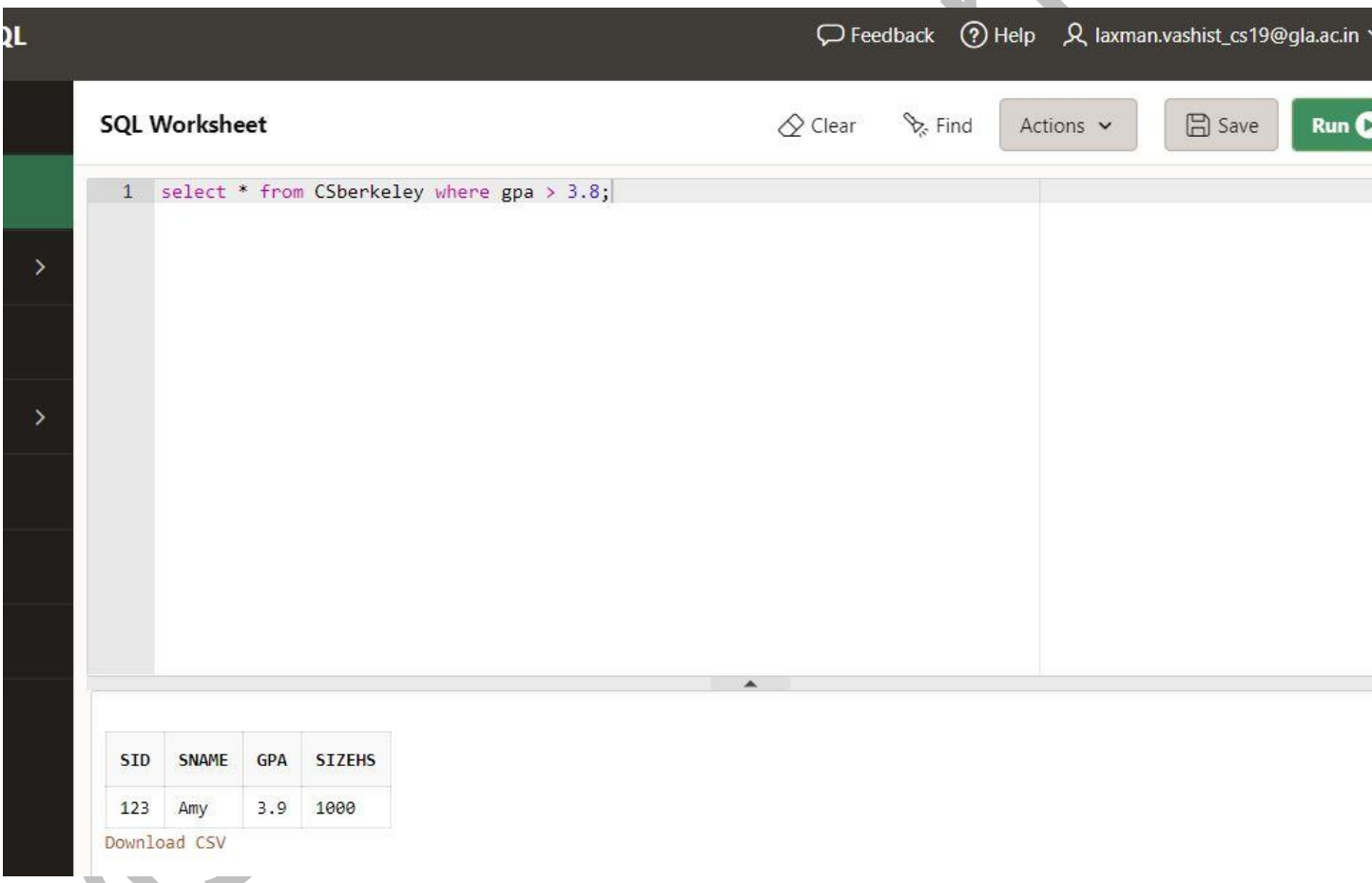


DBMS Assignment

Qus 5 ➔ Display information about student in CSberk having GPA greater than 3.8.

CODE ➔

======

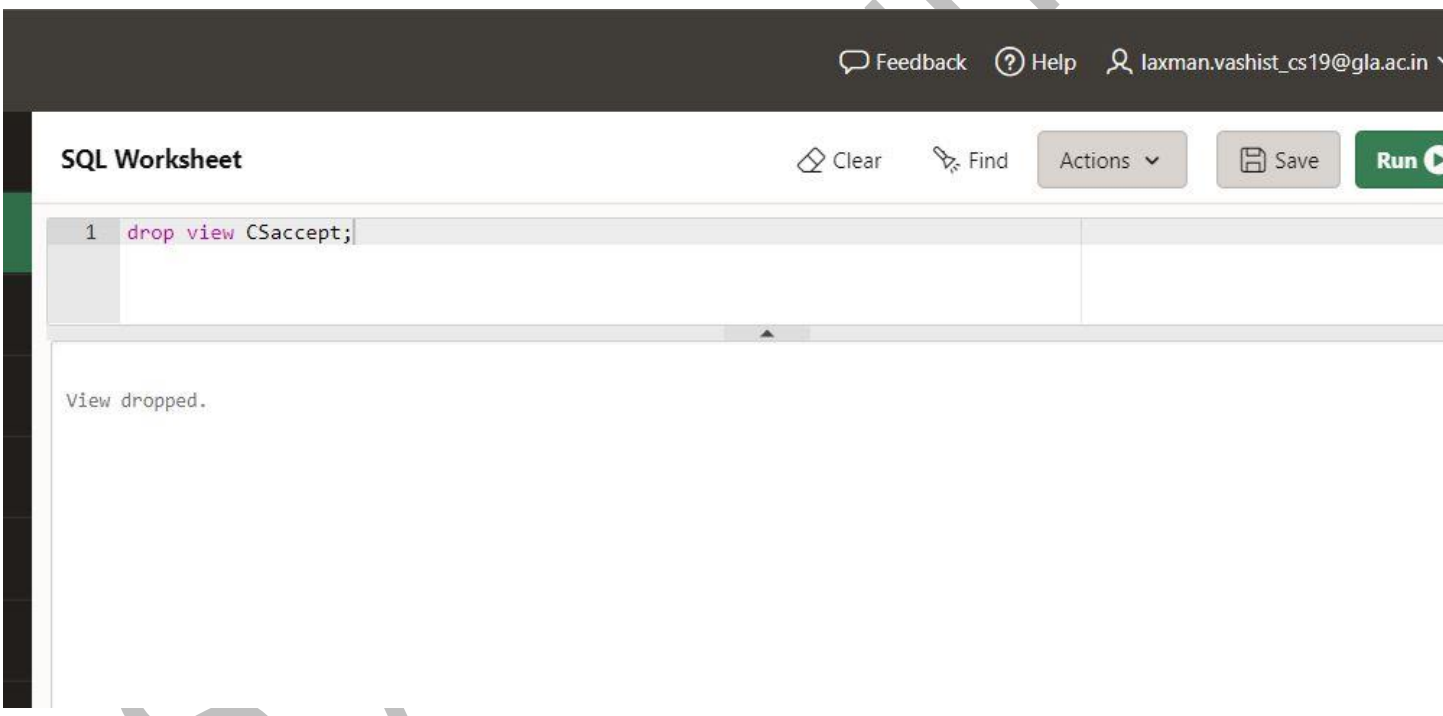


DBMS Assignment

Qus 6 ➔Drop view CSaccept. Q7. Display all student in CSberkeley.

CODE➔

======

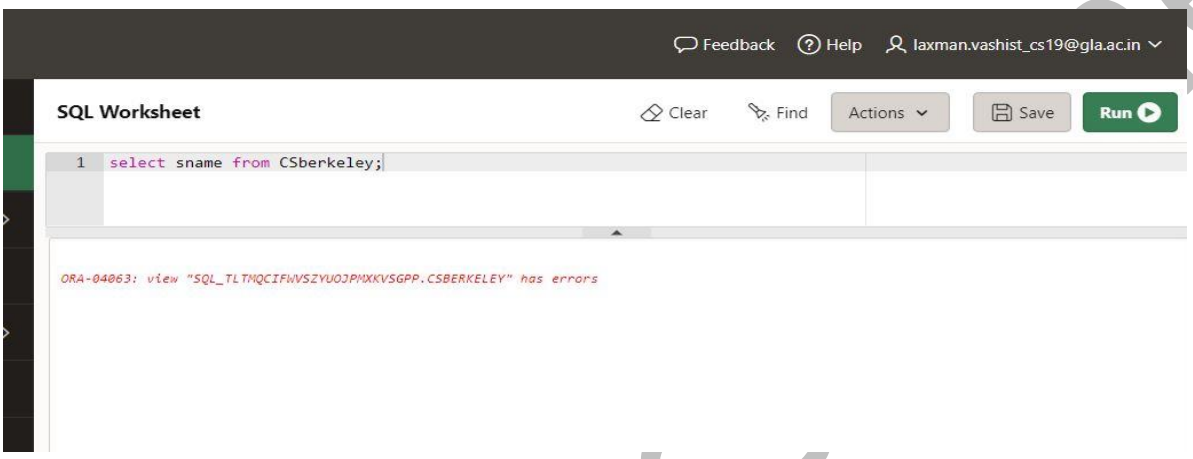


DBMS Assignment

Qus 7 ➔Display all student in CSberkeley.

CODE➔

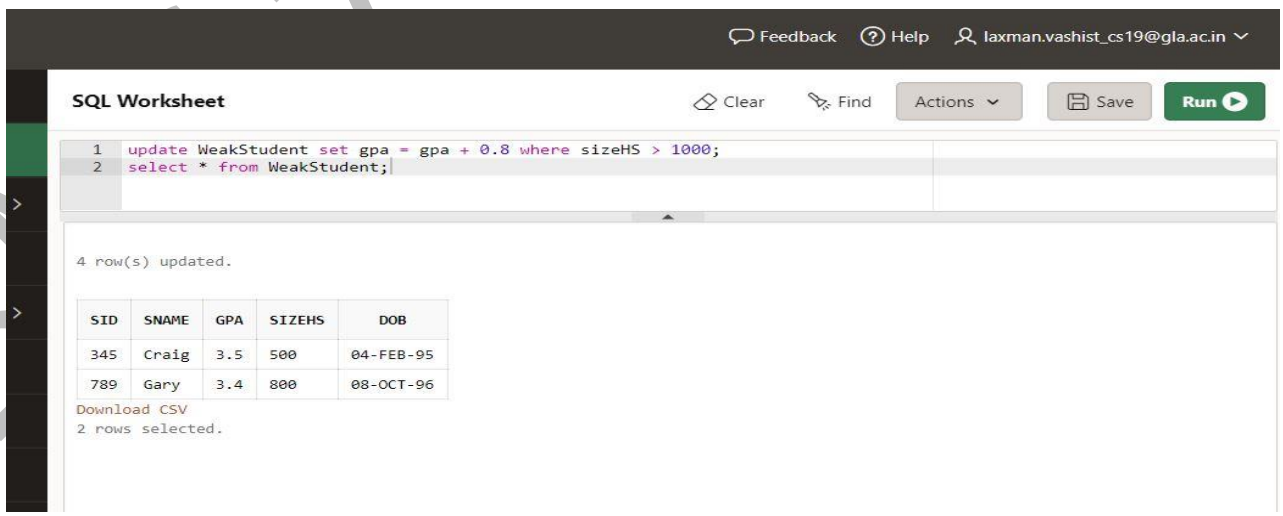
======



Qus 8 ➔Update GPA by 0.8 of students in view WeakStudent who having high school size greater than 1000.

CODE➔

======



Qus 9 ➔ Create a view AppCount which contains sID of Student and number of applications they filed. Name the column sID and NoOfApp.

CODE➔

======

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SQL Worksheet Clear Find Actions Save Run

```
1  create view AppCount as select sid, count(major) as No_Of_App from apply group by sid;
2  select * from AppCount;
```

View created.

SID	NO_OF_APP
123	4
234	1
345	4
543	1
678	1
765	3
876	3
987	2

Download CSV

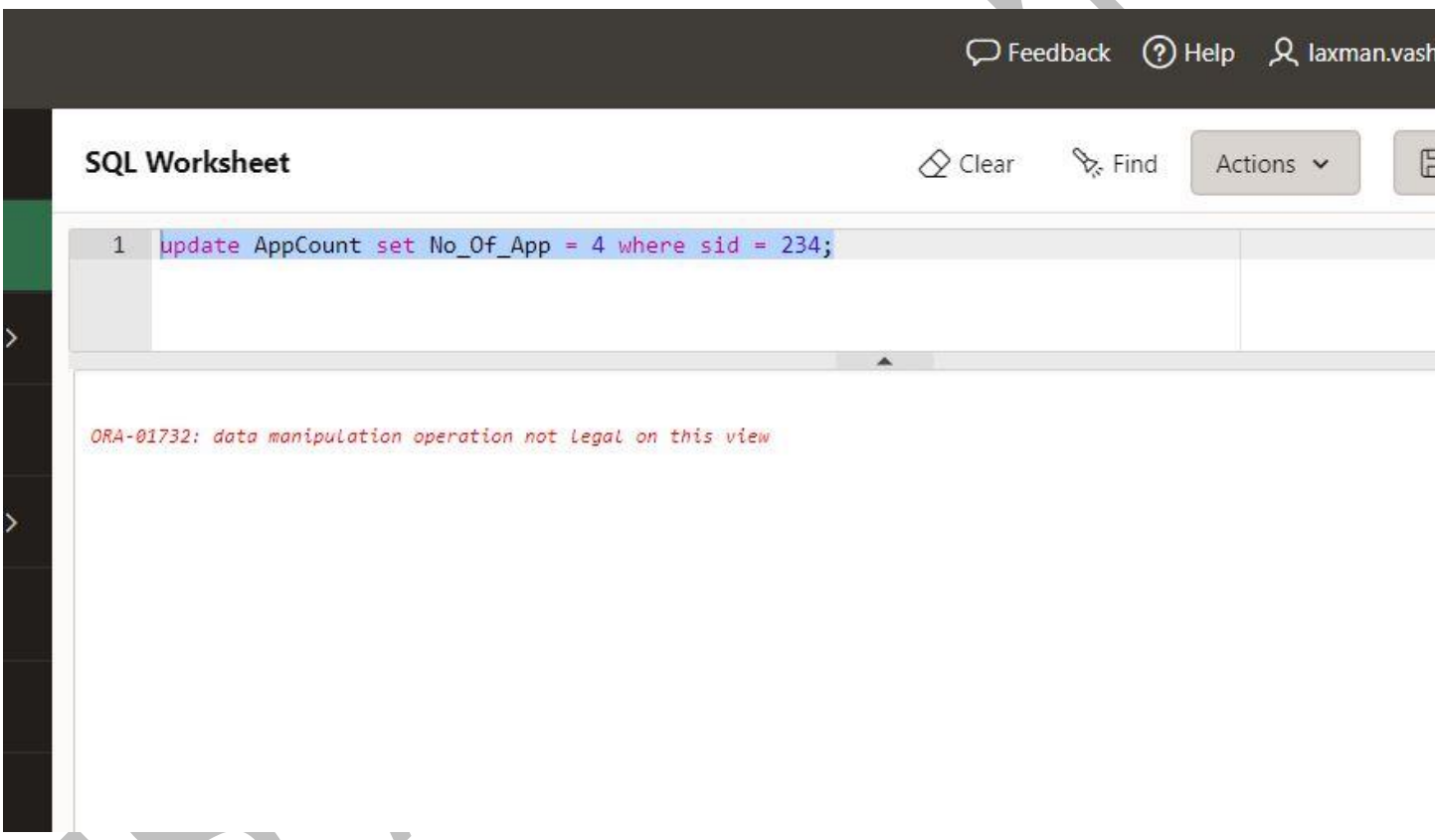
8 rows selected.

DBMS Assignment

Qus 10 ➔Update NoOfApp so that sID 234 contains 4 applications..

CODE➔

======

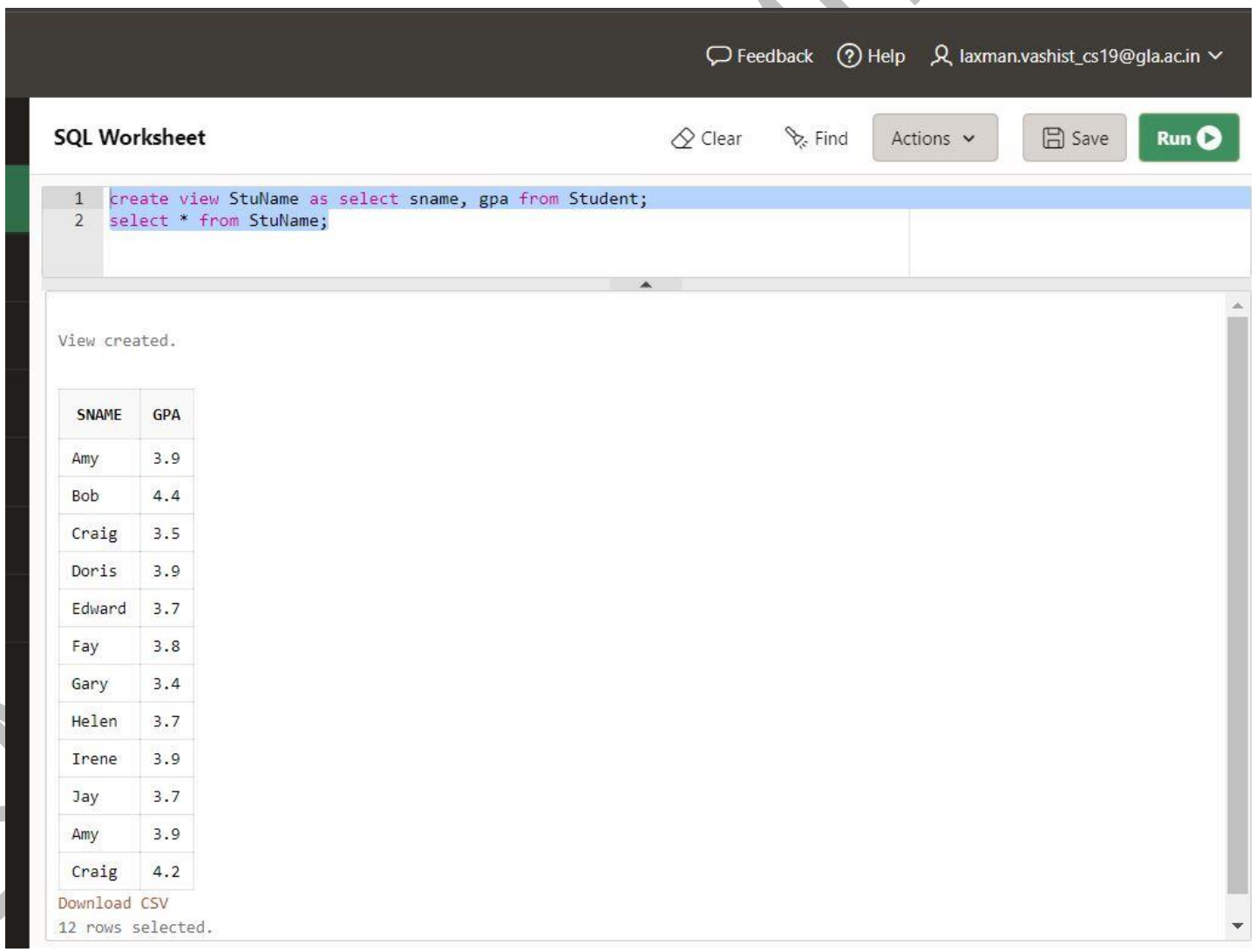


DBMS Assignment

QUS 11 ➔ Create a view StuName contain student name and their GPA. Is this View Updatable? If not specify why.

CODE ➔

======

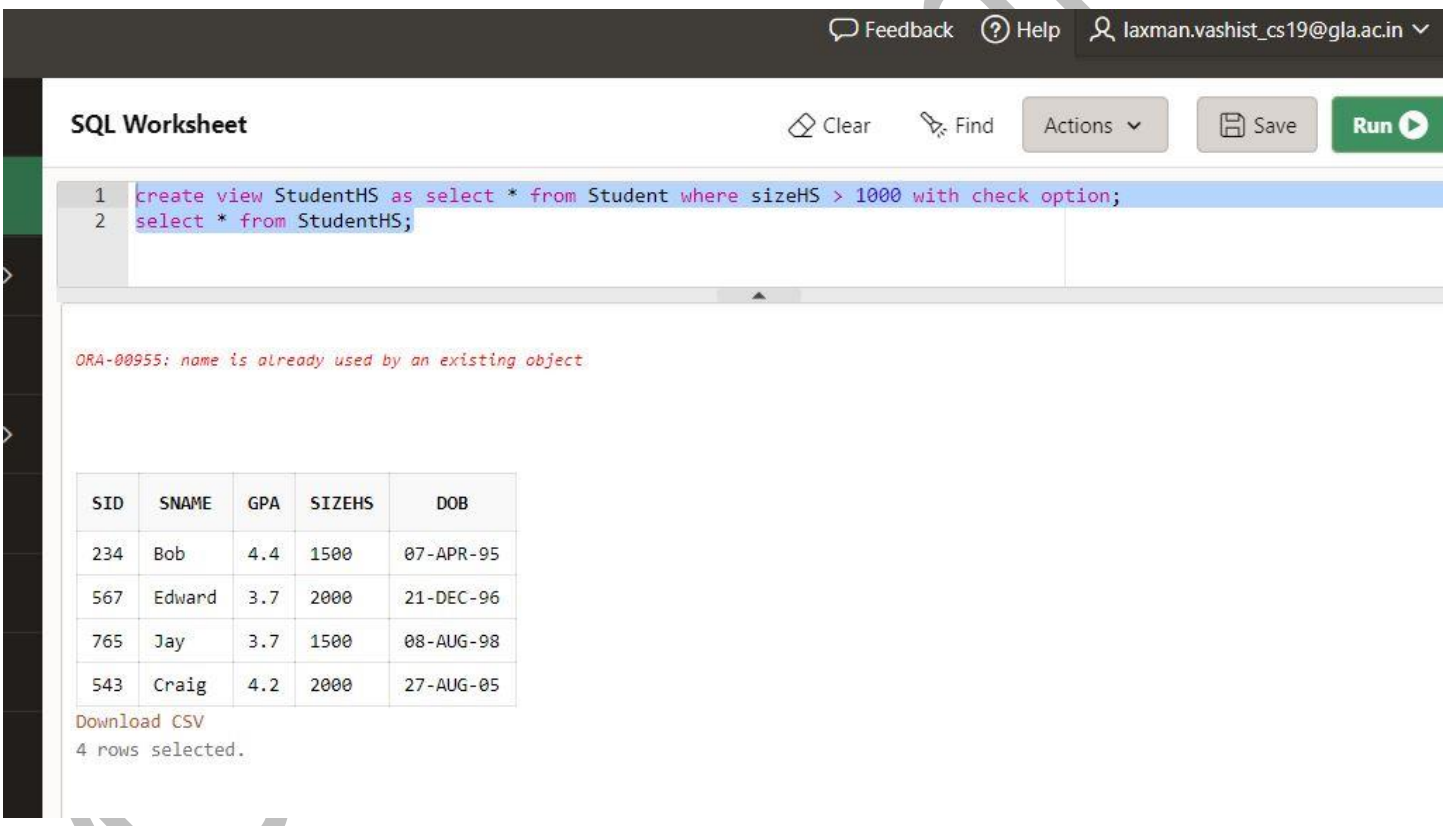


DBMS Assignment

QUS 12 ➔ Create view studentHS having details of student comes from High School of size more than 1000 using with check option.

CODE ➔

======



DBMS Assignment

QUS 13 ➔ Try insert detail of a new student Ram with sID 999 having GPA 9.9 and sizeHS 9999 to newly created view studentHS. (Comment is this view updatable?)

CODE ➔

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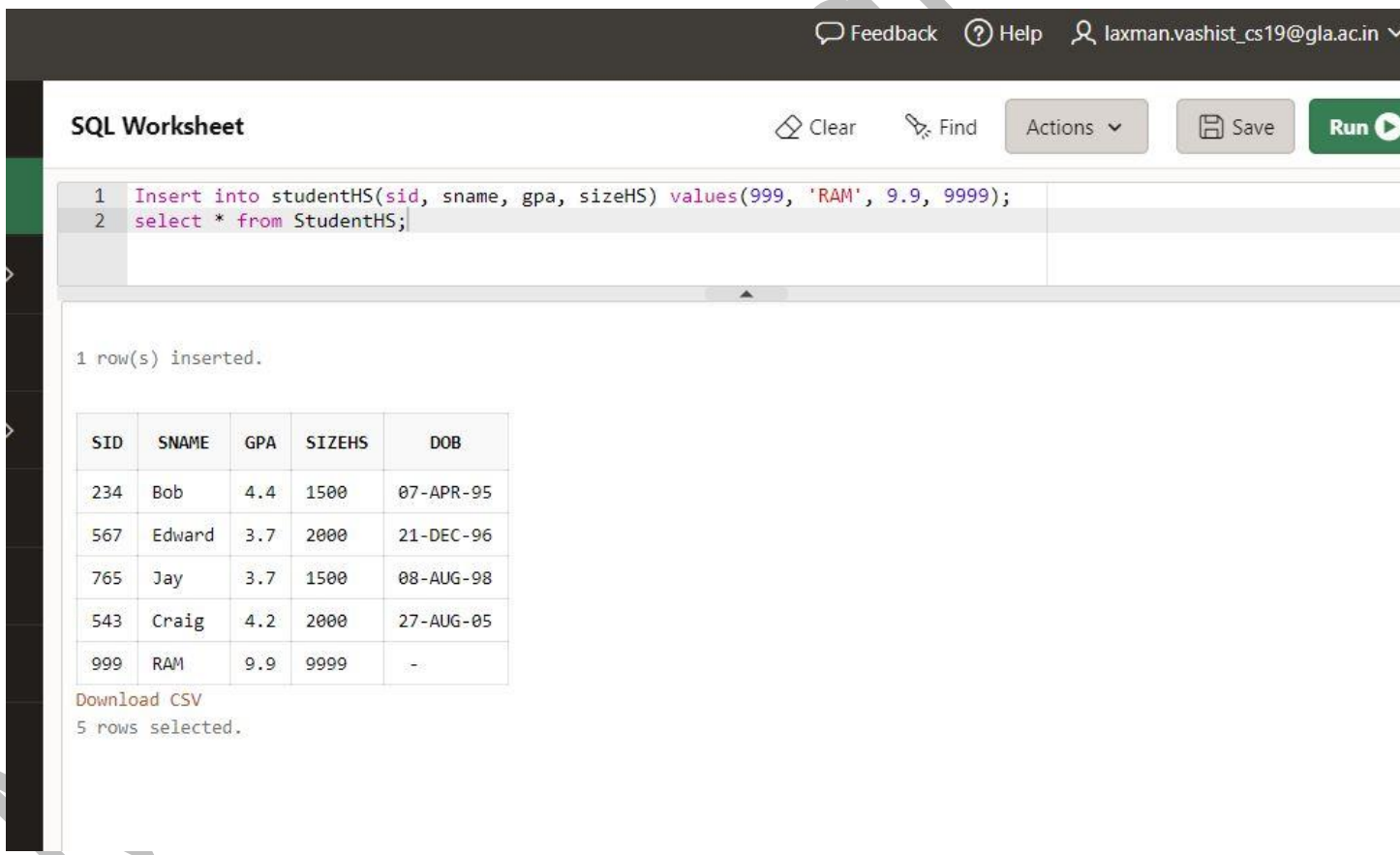

DBMS Assignment

QUS 14 ➔Clerk realize he wrongly type sizeHS of Ramu as 9999 it is actually 999. Can you help him to update the value of sizeHS of Ramu .

CODE➔

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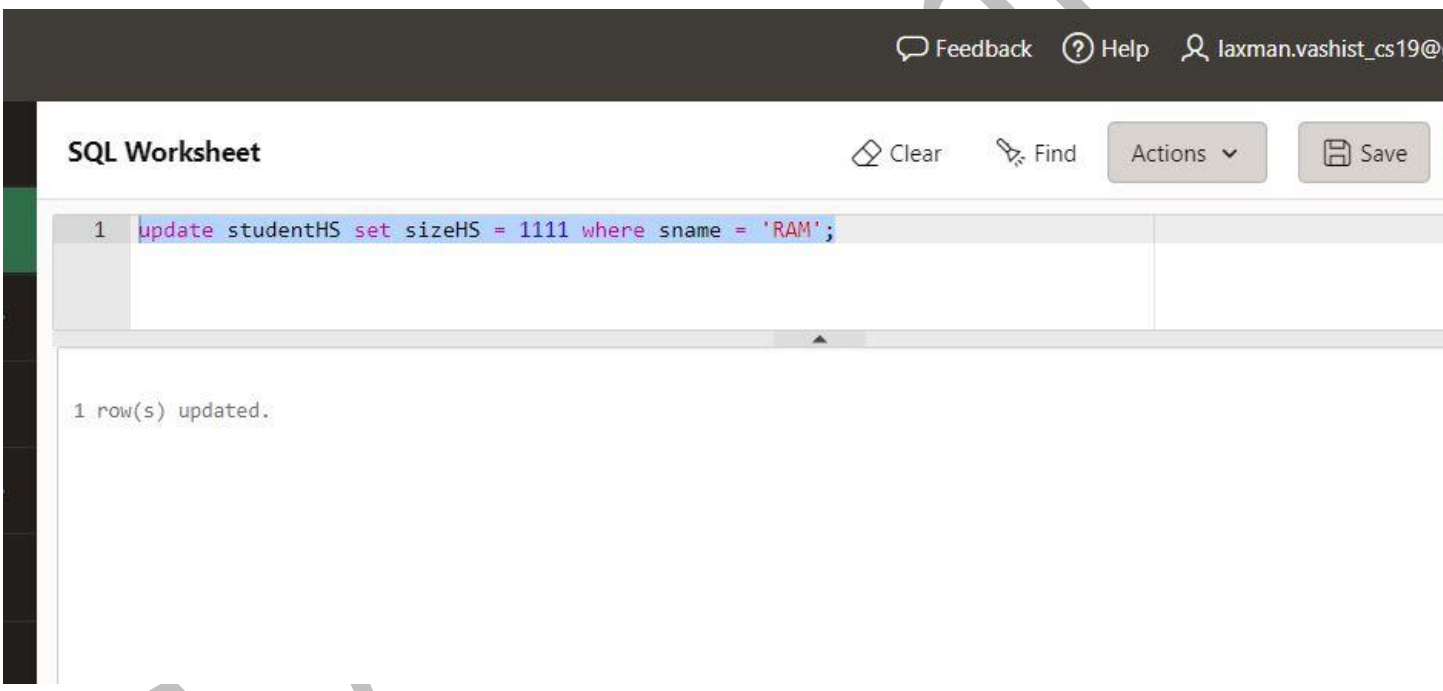

DBMS / ment

QUS 15 ➔Now, another boy registered to our system named Ramu with sID 998 having GPA 9.8 and sizeHS 989.

CODE➔

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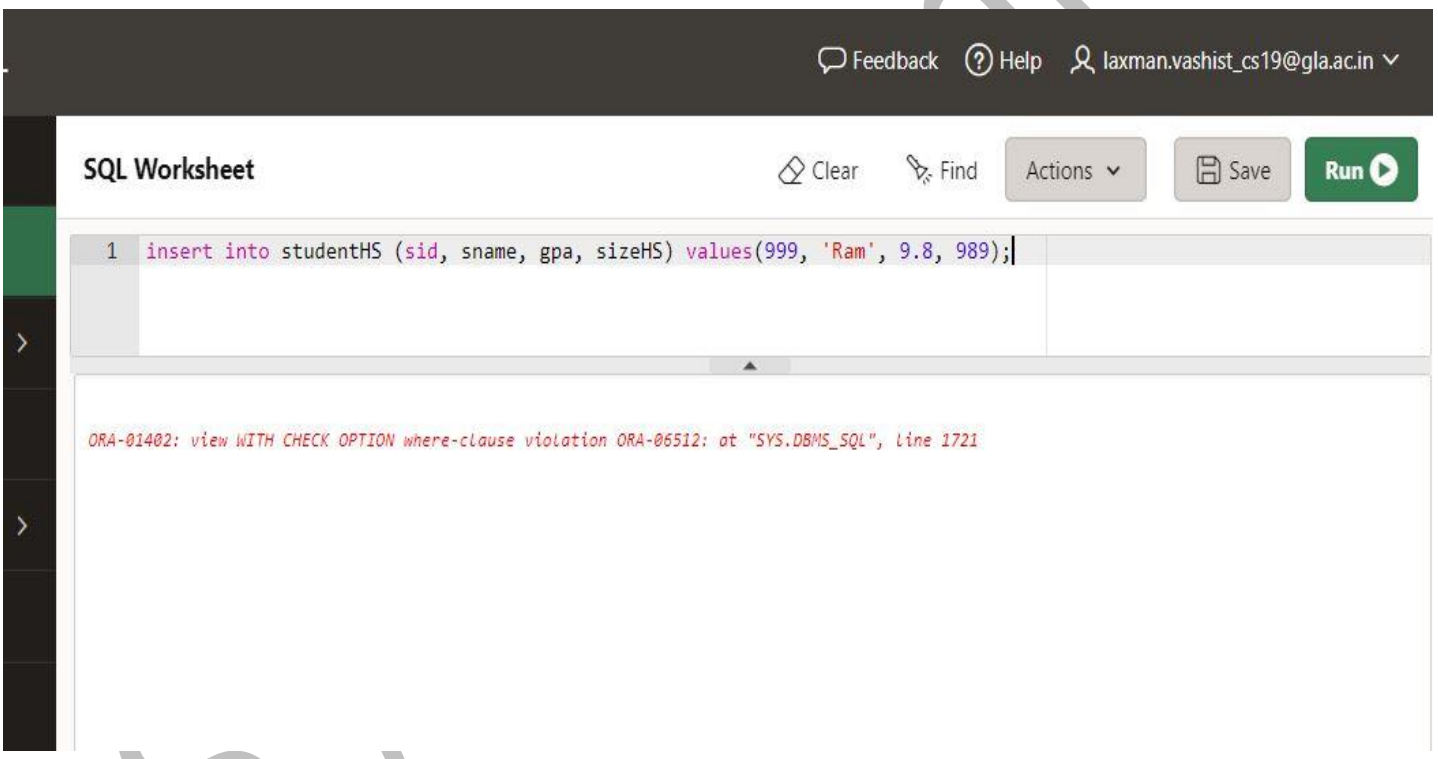

THANK YOU ...

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DBMS 7th Assignment