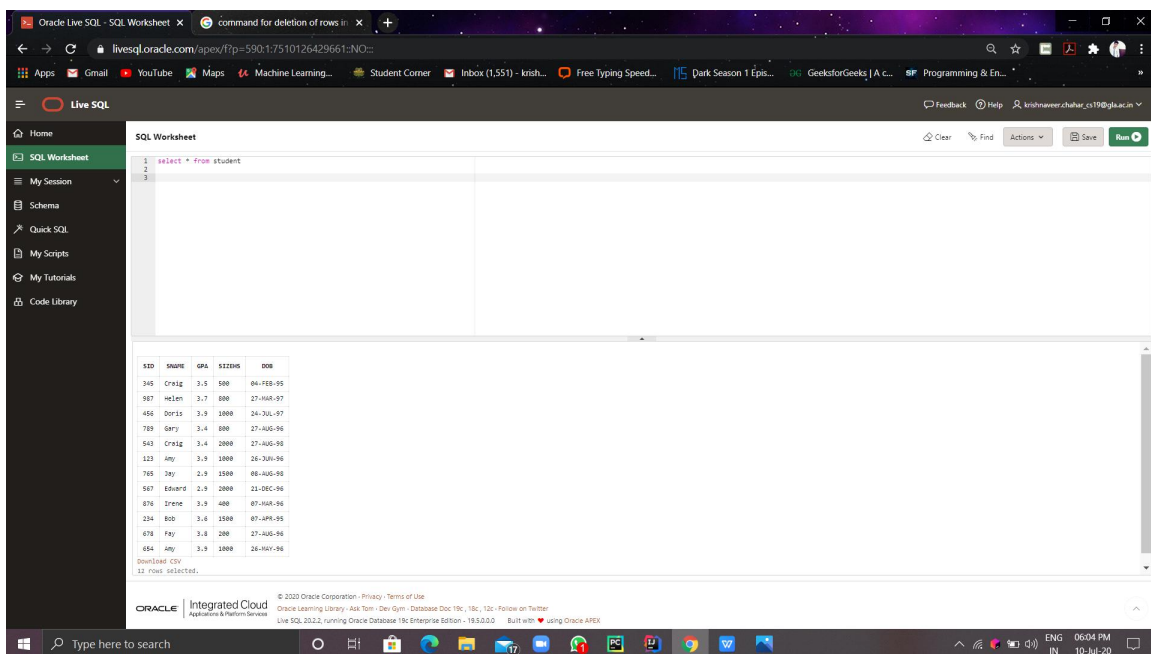


DBMS LAB ASSIGNMENT 1

NAME-KRISHNAVEER CHAHAR

UNIV.ROLL-191500410

Q1. List the student name, dob from student table.



The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the query: `select * from student`. The results are displayed in a table with 12 rows selected. The table has columns: SID, SNAME, GPA, SZEENS, and DOB.

SID	SNAME	GPA	SZEENS	DOB
345	Craig	3.5	500	04-FEB-95
987	Helen	3.7	800	27-MAR-97
456	Doris	3.9	1000	24-JUL-97
789	Gary	3.4	800	27-AUG-96
943	Craig	3.4	2000	27-AUG-98
123	Amy	3.9	1000	26-JUN-96
765	Fay	3.9	1500	08-AUG-96
567	Edward	3.9	2000	21-DEC-96
878	Srene	3.9	400	07-MAR-96
234	Bob	3.6	1500	07-APR-95
678	Fay	3.8	200	27-AUG-96
654	Amy	3.9	1000	28-MAY-96

Download CSV
12 rows selected.

Q2. List the name of student scoring more than 3.7 in GPA.

The screenshot shows the Oracle Live SQL Worksheet interface. The top navigation bar includes links for Home, SQL Worksheet, My Session, Schema, Quick SQL, My Scripts, My Tutorials, and Code Library. The main area displays a SQL query in a text editor: `select * from student where GPA>3.7`. Below the editor, the results are shown in a table format. The table has columns: SID, SNAME, GPA, SIZES, and DOB. The data rows are as follows:

SID	SNAME	GPA	SIZES	DOB
456	Doris	3.9	1000	24-JUL-97
123	Any	3.9	1000	26-JUN-96
876	Irene	3.9	400	07-MAR-96
678	Fay	3.8	200	27-AUG-96
654	Any	3.9	1000	26-MAY-96

Below the table, there is a link to "Download CSV". The footer of the interface includes the Oracle logo, "Integrated Cloud Applications & Platform Services", and copyright information: "© 2020 Oracle Corporation - Privacy - Terms of Use". It also mentions "Oracle Learning Library - Ask Tom - Dev Gym - Database Doc 19c, 18c, 12c - Follow on Twitter" and "Live SQL 20.2.2, running Oracle Database 19c Enterprise Edition - 19.5.0.0.0". The bottom status bar shows the system clock as 06:05 PM on 10-Jul-20.

3. List the name of student whose High School size is at least 1000 and born after 1996. [Hint: check DoB greater than 31st December, 1996].

Oracle Live SQL - SQL Worksheet

livesql.oracle.com/apex/f?p=590:17510126429661:NO::

Live SQL

SQL Worksheet

```
1 select * from student where sizeH>1000 and DoB>'31-dec-1996'
```

SID	SNAME	GPA	SIZEH	DOB
456	Doris	3.9	1000	24-JUL-97
543	Craig	3.4	2000	27-AUG-98
765	Jay	2.9	1500	08-AUG-98

Download CSV
3 rows selected.

© 2020 Oracle Corporation - Privacy - Terms of Use
Oracle Learning Library - Ask Tom - Dev Gym - Database Doc 19c, 18c, 12c - Follow on Twitter
Live SQL 202.2, running Oracle Database 19c Enterprise Edition - 19.5.0.0.0 Built with using Oracle APEX

4. List the name of student who are scoring GPA in between 2.9 and 3.9.

Oracle Live SQL - SQL Worksheet

livesql.oracle.com/apex/f?p=590:17510126429661:NO::

Live SQL

SQL Worksheet

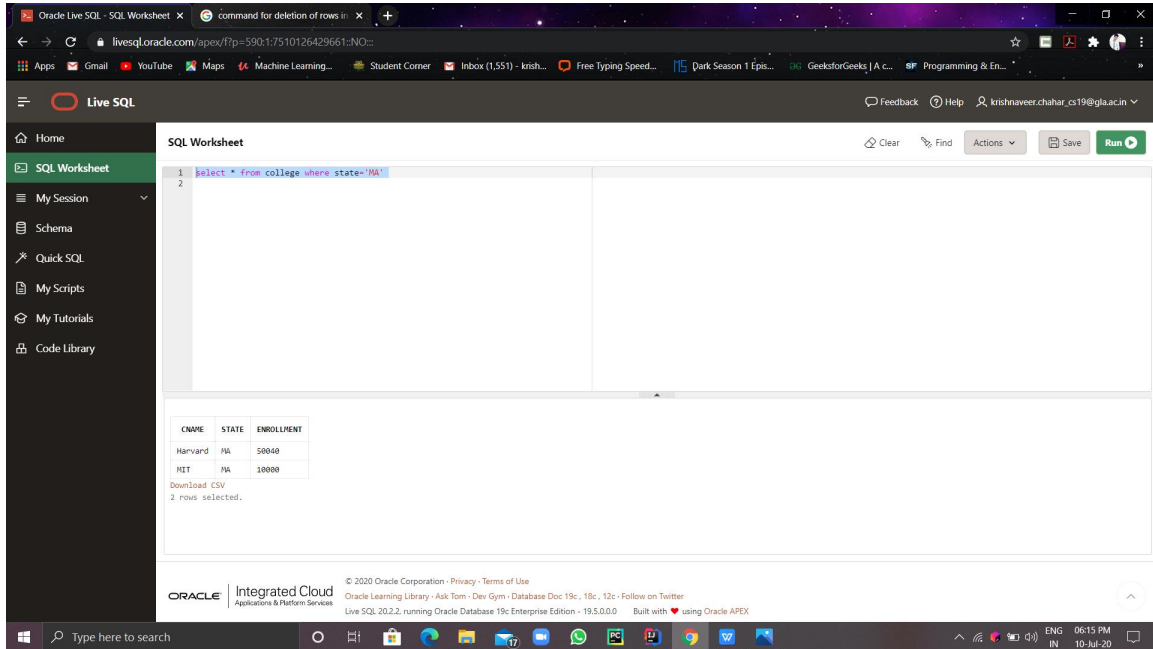
```
1 select * from student where GPA between '2.9' and '3.9'
```

SID	SNAME	GPA	SIZEH	DOB
345	Craig	3.5	500	04-FEB-95
987	Helem	3.7	800	27-AUG-97
456	Doris	3.9	1000	24-JUL-97
789	Gary	3.4	800	27-AUG-96
543	Craig	3.4	2000	27-AUG-98
123	Amy	3.9	1000	26-JUL-96
765	Jay	2.9	1500	08-AUG-98
567	Edward	2.9	2000	21-DEC-96
876	Zrene	3.9	400	07-MAR-96
234	Bob	3.6	1500	07-APR-95
678	Jay	3.8	200	27-AUG-96
404	Amy	3.9	1000	26-MAY-96

Download CSV
12 rows selected.

© 2020 Oracle Corporation - Privacy - Terms of Use
Oracle Learning Library - Ask Tom - Dev Gym - Database Doc 19c, 18c, 12c - Follow on Twitter
Live SQL 202.2, running Oracle Database 19c Enterprise Edition - 19.5.0.0.0 Built with using Oracle APEX

5. List all the details of colleges who situated in MA.



The screenshot shows the Oracle Live SQL web interface. The SQL Worksheet area contains the following query:

```
1 select * from college where state='MA';
2
```

The results are displayed in a table with the following data:

CNAME	STATE	ENROLLMENT
Harvard	MA	50049
MIT	MA	10000

Below the table, it says "Download CSV" and "2 rows selected." The footer of the interface includes the Oracle logo, "Integrated Cloud" text, and copyright information for 2020 Oracle Corporation.

6. List the students who are scored more than 2.0 but less than 3.5.

Oracle Live SQL - SQL Worksheet

livesql.oracle.com/apex/f?p=590:17510126429661:NO::

Live SQL

SQL Worksheet

```
1 select * from student where GPA>2.8 and GPA<3.5;
```

SID	SNAME	GPA	SIZES	DOB
789	Gary	3.4	800	27-AUG-96
543	Craig	3.4	2000	27-AUG-98
765	Jay	2.9	1500	08-AUG-98
567	Edward	2.9	2000	21-DEC-96

Download CSV
4 rows selected.

ORACLE | Integrated Cloud
Applications & Platform Services

© 2020 Oracle Corporation - Privacy - Terms of Use
Oracle Learning Library - Ask Tom - Dev Gym - Database Doc 19c, 18c, 12c - Follow on Twitter
Live SQL 20.2.2, running Oracle Database 19c Enterprise Edition - 19.5.0.0.0 Built with using Oracle APEX

7. List the students who have born after 1st Jul 96 in the order of the Date of Birth.

Oracle Live SQL - SQL Worksheet

livesql.oracle.com/apex/f?p=590:17510126429661:NO::

Live SQL

SQL Worksheet

```
1 select * from student where DOB>'1-july-1996'
```

```
2 order by DOB
```

```
3
```

```
4
```

```
5
```

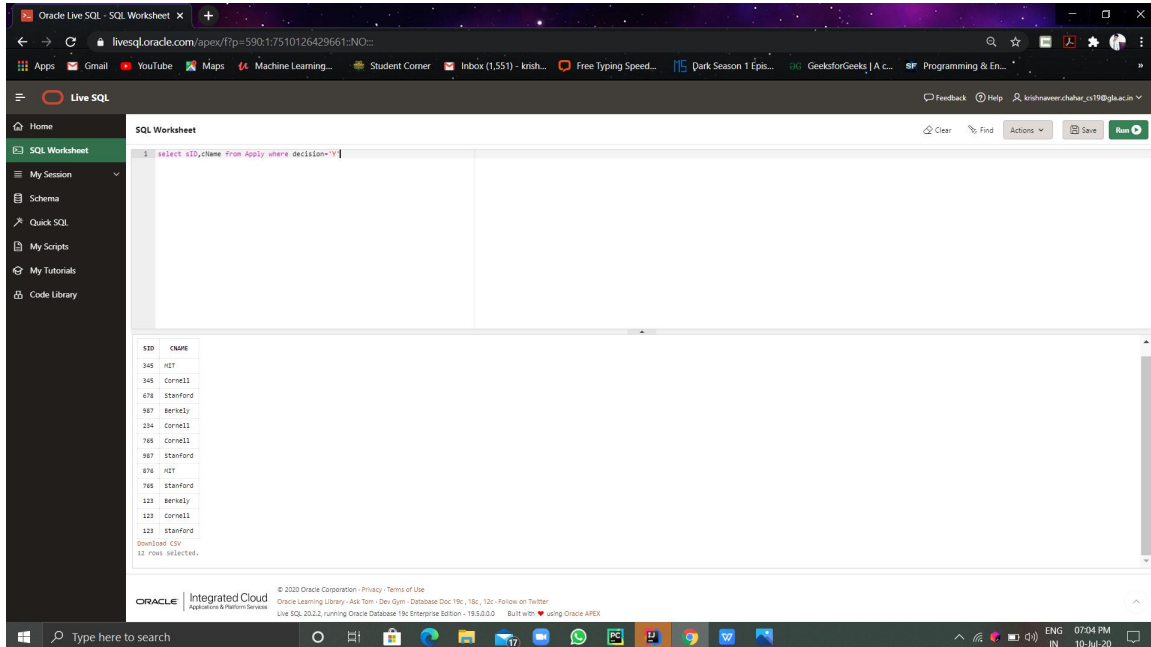
SID	SNAME	GPA	SIZES	DOB
789	Gary	3.4	800	27-AUG-96
678	Fay	3.8	200	27-AUG-96
567	Edward	2.9	2000	21-DEC-96
987	Helen	3.7	800	27-MAR-97
456	Doris	3.9	1000	24-JUL-97
765	Jay	2.9	1500	08-AUG-98
543	Craig	3.4	2000	27-AUG-98

Download CSV
7 rows selected.

ORACLE | Integrated Cloud
Applications & Platform Services

© 2020 Oracle Corporation - Privacy - Terms of Use
Oracle Learning Library - Ask Tom - Dev Gym - Database Doc 19c, 18c, 12c - Follow on Twitter
Live SQL 20.2.2, running Oracle Database 19c Enterprise Edition - 19.5.0.0.0 Built with using Oracle APEX

8. List the sID, cName, decision of applications that are accepted.



The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the query: `select sID,cName from Apply where decision='Y'`. The results are displayed in a table with two columns: sID and cName. The table contains 18 rows of data, with the first 17 rows showing applications accepted at Stanford, Berkeley, and Cornell. The 18th row shows a download CSV link.

sID	cName
345	MIT
345	Cornell
478	Stanford
987	Berkeley
234	Cornell
768	Cornell
987	Stanford
876	MIT
765	Stanford
123	Berkeley
123	Cornell
123	Stanford

Download CSV
18 rows selected.

9. List the sID, cName of applications which are filled at Stanford.

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the following query:

```
1 select sID from Apply where clame='Stanford'
```

The results pane displays a list of sID values:

sID
122
678
876
987
765
123

The interface includes a sidebar with navigation options: Home, SQL Worksheet, My Session, Schema, Quick SQL, My Scripts, My Tutorials, and Code Library. The bottom status bar indicates the Oracle version and database details.

10. List the colleges that have enrollment greater than 10001.

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the following query:

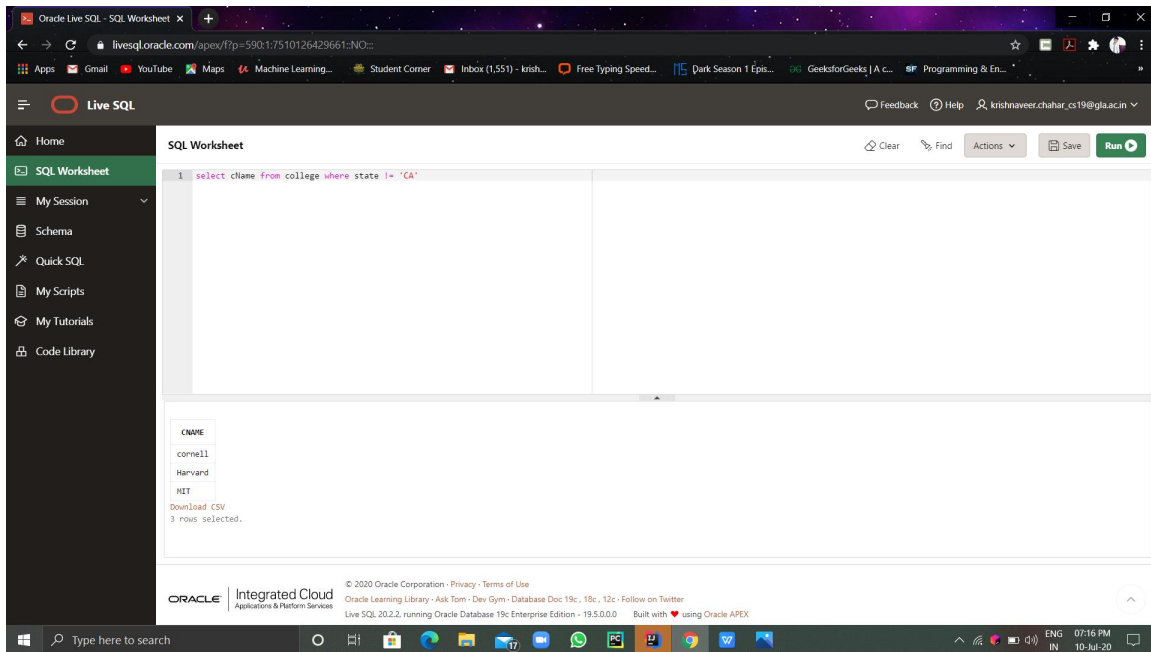
```
1 select clame from college where enrollments > 10001
```

The results pane displays a list of college names (clame):

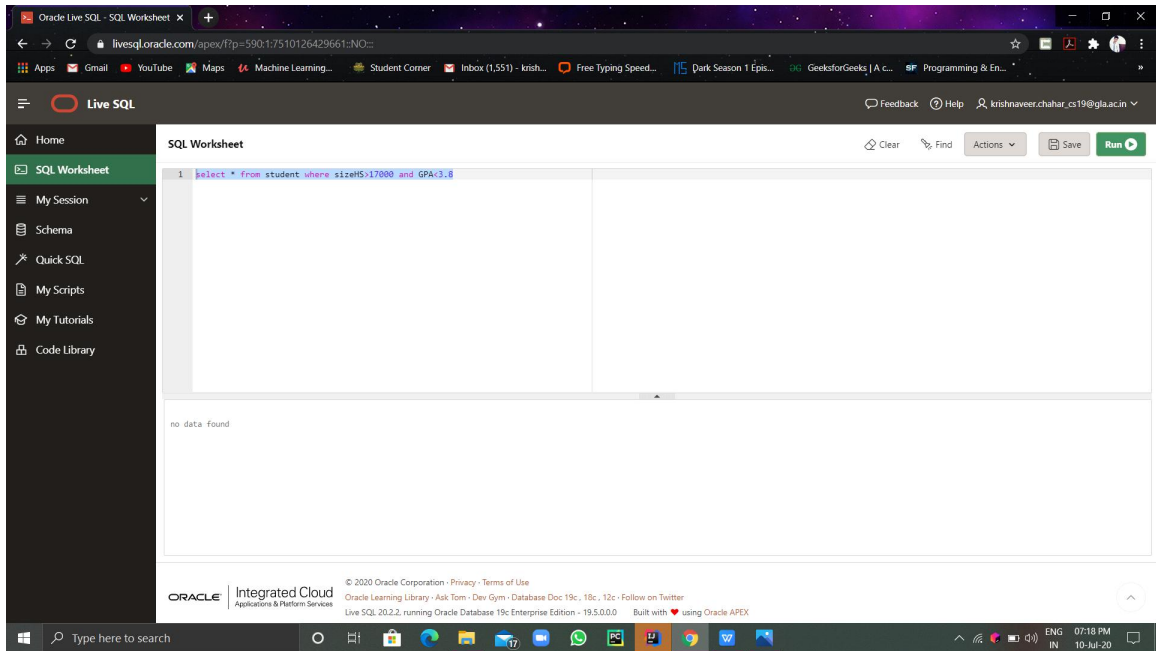
clame
Stanford
cornell
Harvard
Berkley

Below the results, it indicates "4 rows selected." and provides a "Download CSV" link. The interface includes a sidebar with navigation options: Home, SQL Worksheet, My Session, Schema, Quick SQL, My Scripts, My Tutorials, and Code Library. The bottom status bar indicates the Oracle version and database details.

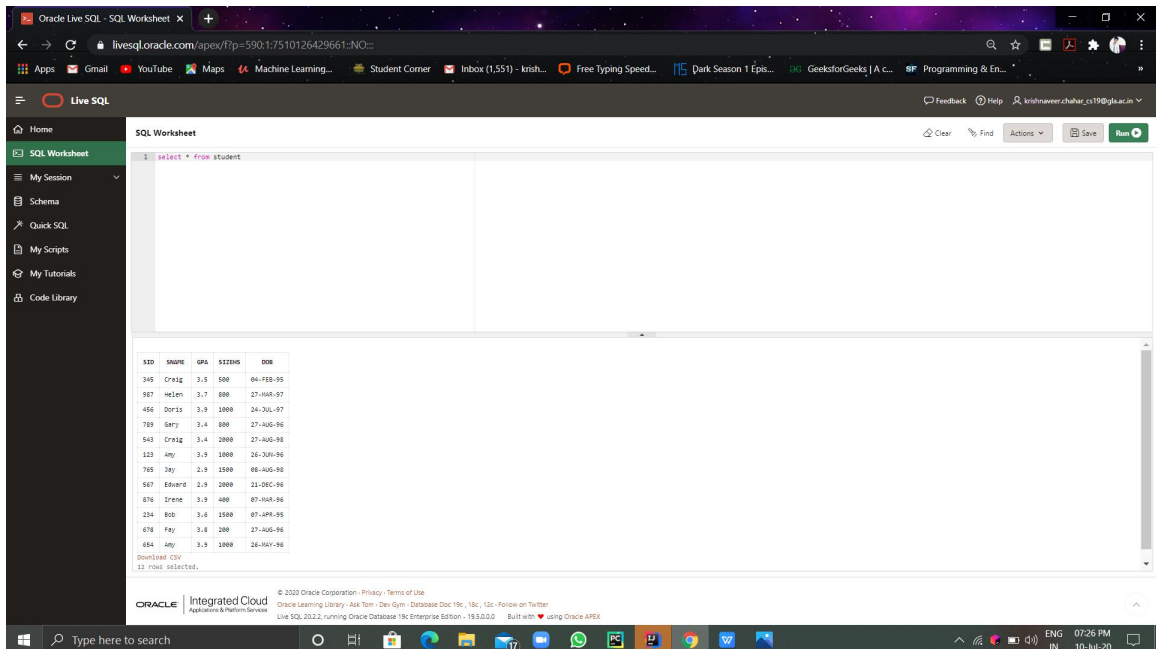
11. List the colleges not in California.



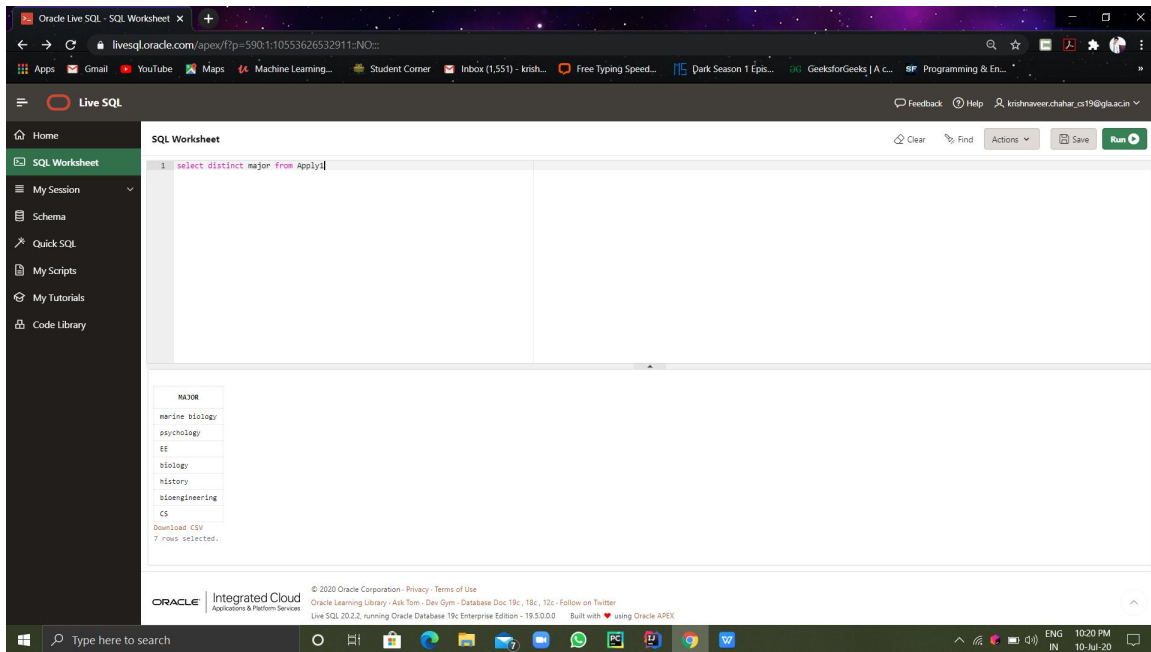
12. List names of all student who came from high school having size greater than 17000 and scored GPA less than 3.8.



14. Display the details of all students.



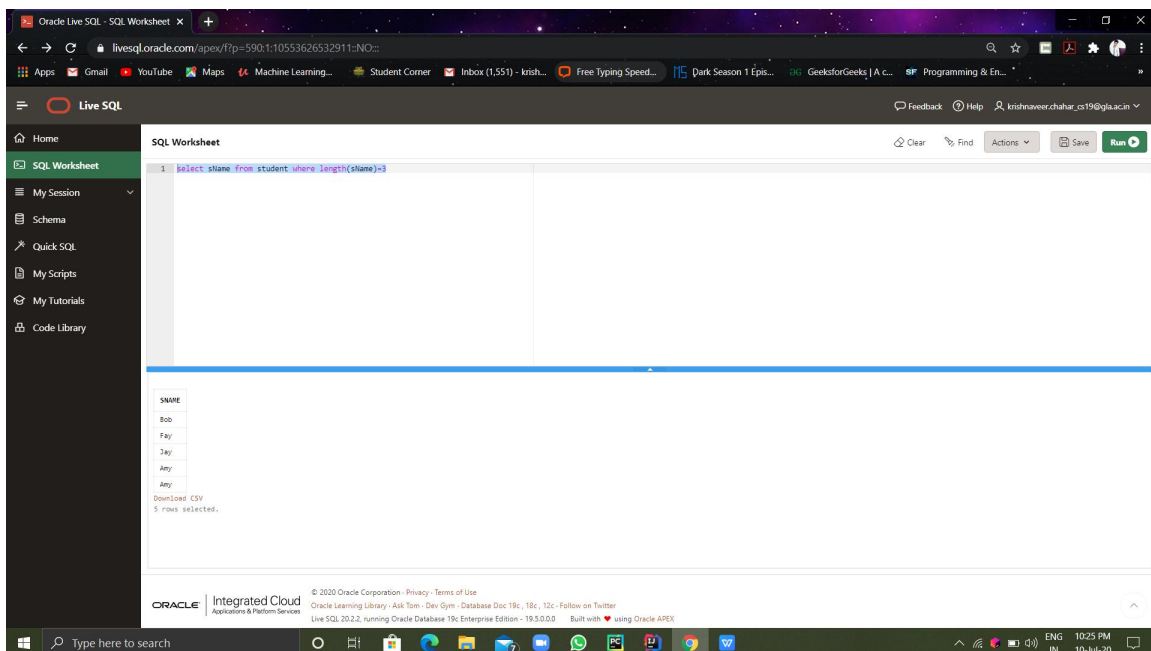
15. Display unique majors.



The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the query: `select distinct major from Apply1`. The results are displayed in a table with one column, MAJOR, containing the following values: marine biology, psychology, EE, biology, history, bioengineering, and CS. Below the table, it indicates "7 rows selected." and provides a "Download CSV" link.

MAJOR
marine biology
psychology
EE
biology
history
bioengineering
CS

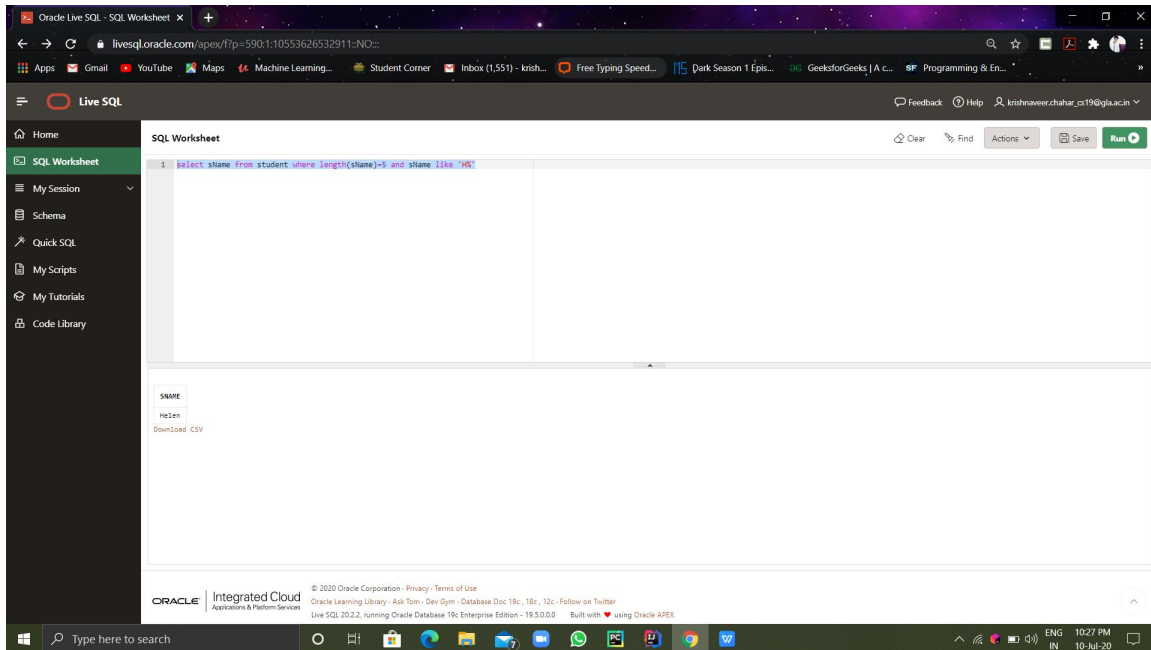
16. List the student names those are having three characters in their Names.



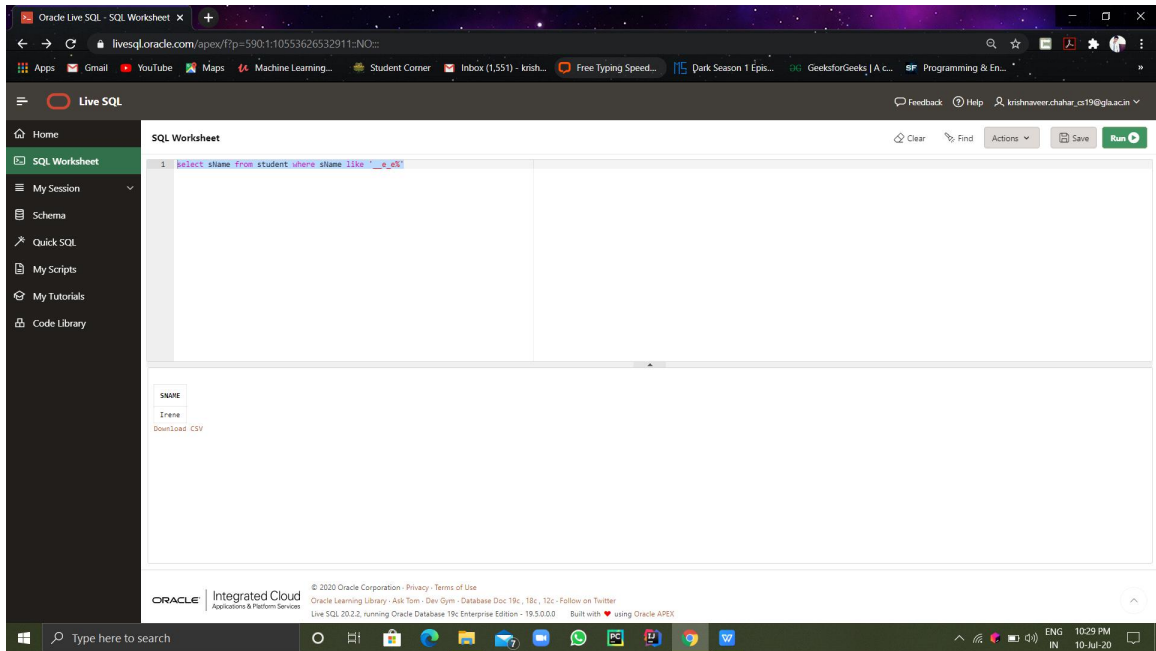
The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the query: `select sname from student where length(sname)=3`. The results are displayed in a table with one column, SNAME, containing the following values: Bob, Fay, Jay, Amy, and Amy. Below the table, it indicates "5 rows selected." and provides a "Download CSV" link.

SNAME
Bob
Fay
Jay
Amy
Amy

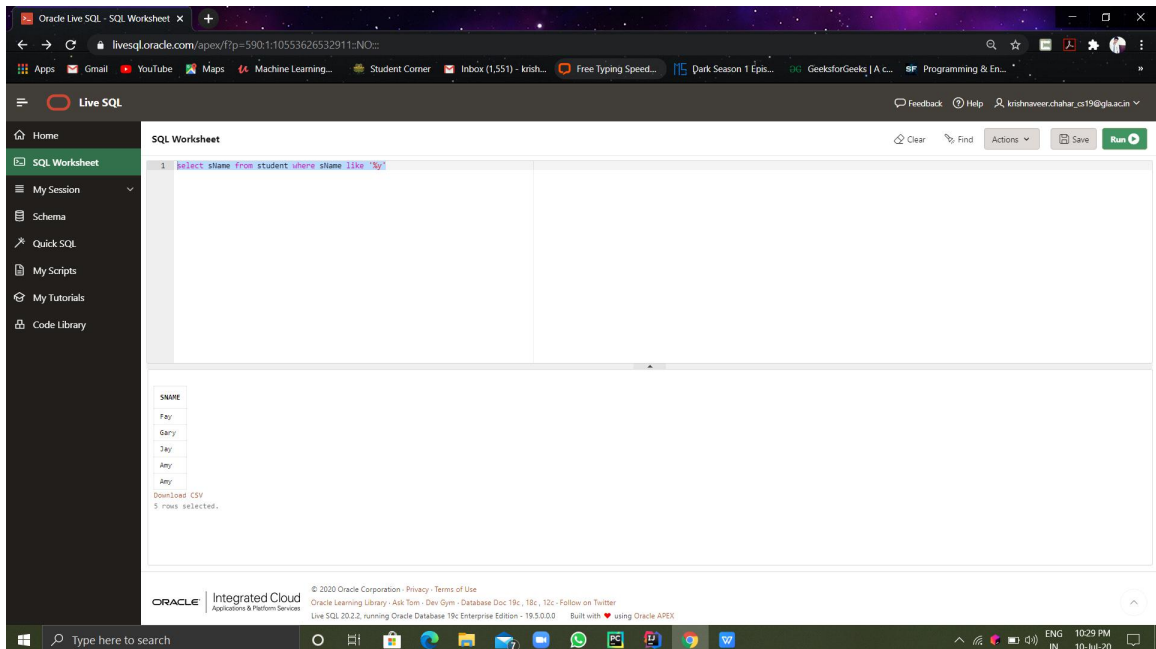
17. List the student names those are starting with 'H' and with five characters.



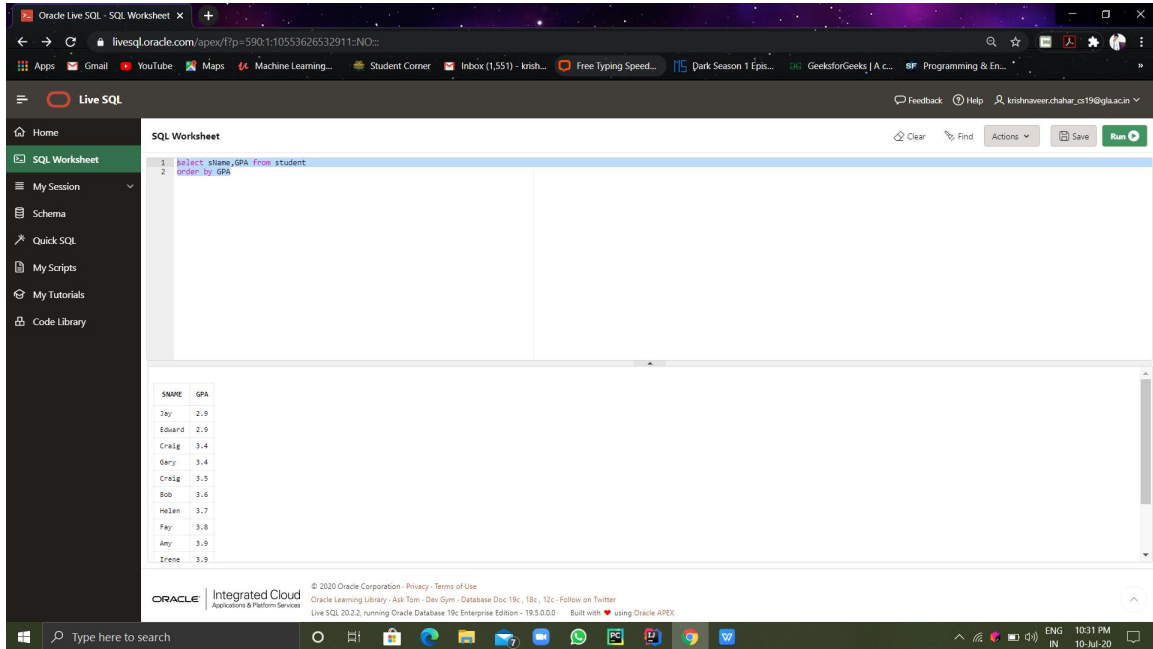
18. List the student names those are having third character and fifth char. must be 'e'.



19. List the student names ending with 'y'.



20. List the Students in the order of their GPA.



The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the following query:

```
1 select sname,gpa from student
2 order by gpa
```

The results are displayed in a table below the worksheet:

SNAME	GPA
Jay	2.9
Edward	2.9
Craig	3.4
Gary	3.4
Craig	3.5
Bob	3.6
Helen	3.7
Fay	3.8
Amy	3.9
Irene	3.9

The interface also shows the Oracle logo, Integrated Cloud logo, and copyright information: © 2020 Oracle Corporation - Privacy - Terms of Use. Oracle Learning Library - Ask Tom - Dev Gym - Database Doc 19c, 18c, 12c - Follow on Twitter. Live SQL 20.2.2, running Oracle Database 19c Enterprise Edition - 19.3.0.0.0. Built with using Oracle APEX.

21. List the details of the students in order of the ascending of GPA and descending of DoB.

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the following query:

```
1 select * from student order by GPA asc, DOB desc
```

The results table displays the following data:

SID	NAME	GPA	SIZEH	DOB
765	Stan	2.9	1500	08-AUG-96
567	Edward	2.9	2000	21-DEC-96
543	Craig	3.4	2000	27-AUG-96
789	Gary	3.4	800	08-SEP-96
345	Craig	3.5	500	04-FEB-96
234	Bob	3.6	1500	07-JUN-96
987	Walter	3.7	800	27-MAR-97
678	Fay	3.8	200	27-AUG-96
456	Doris	3.9	1000	24-JUL-97
876	Irene	3.9	400	07-MAR-97
123	Amy	3.9	1000	26-JUL-96
654	Amy	3.9	1000	26-MAY-96

Download CSV
32 rows selected.

22. List the sIDs of student who apply in either ‘Stanford’, ‘Cornell’ or ‘MIT’ college.

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the following query:

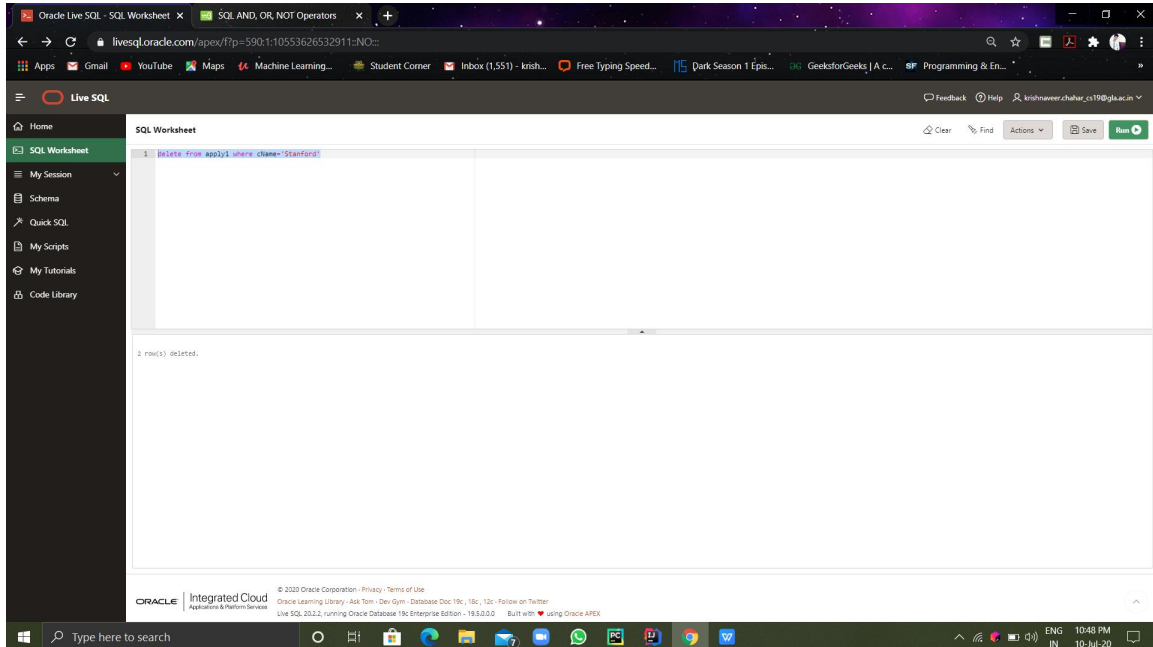
```
1 select sid from apply where college='Stanford' or college='Cornell' or college='MIT'
```

The results table displays the following data:

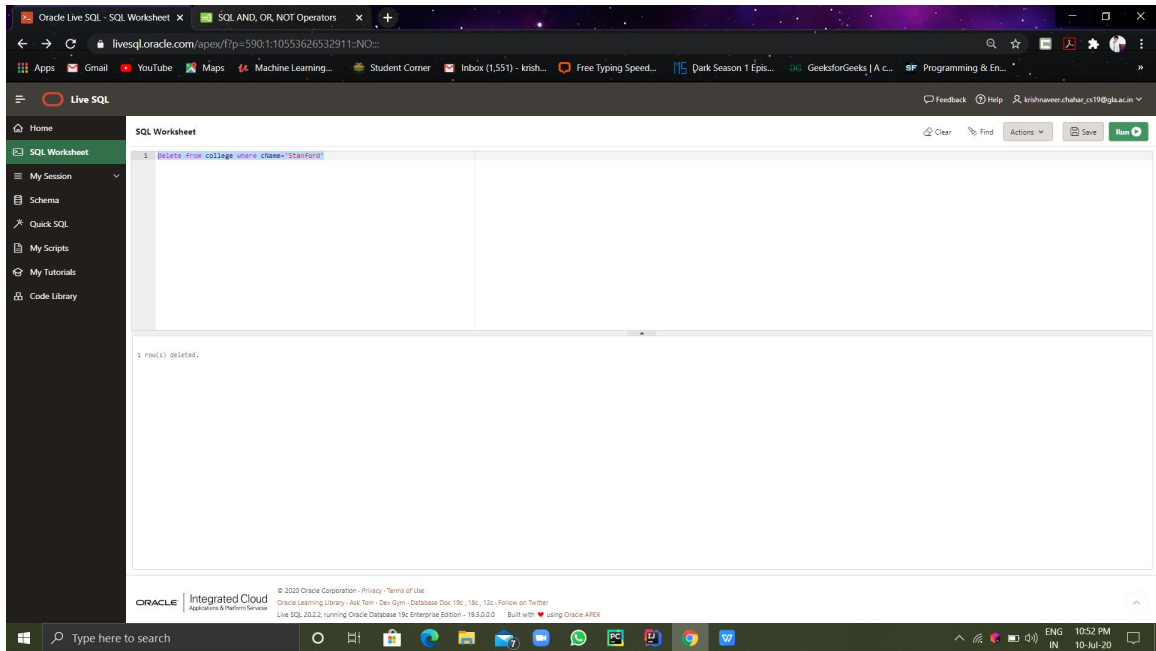
SID
123
123
123
345
345
345
456
876
765
765
543

Download CSV
32 rows selected.

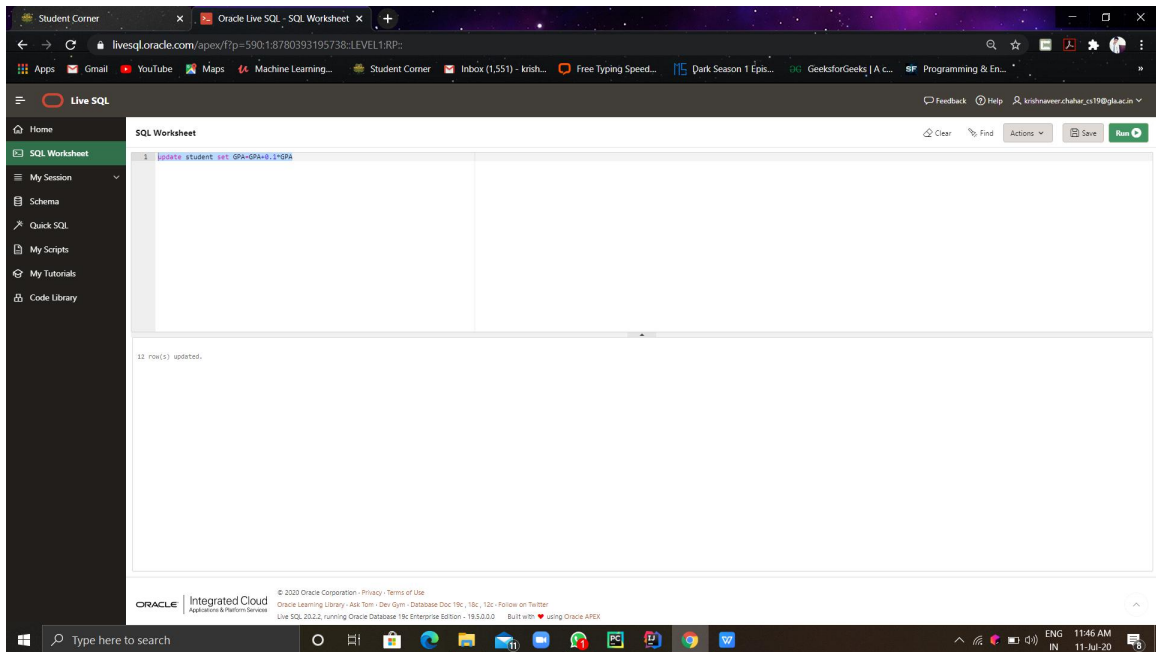
23. Delete all applications filled at Stanford (Choose table wisely).



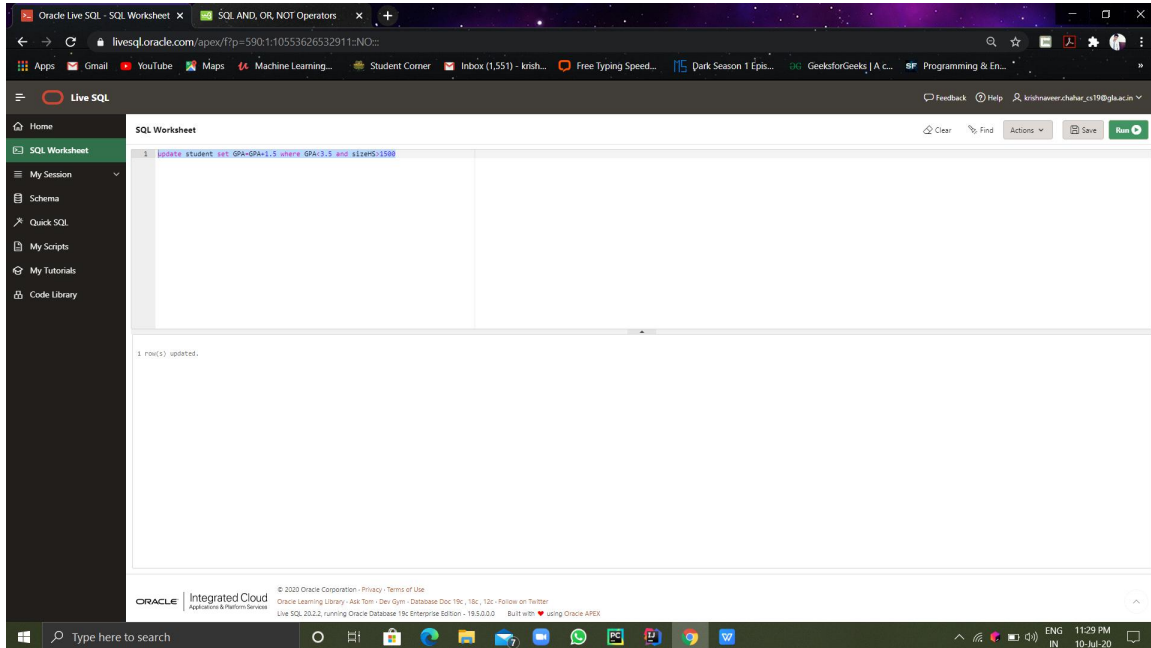
24. Delete the college Stanford from college table.



25. Modify the GPA of all students by giving 10% raise in their GPA.



26. Increment the GPA of the students by 1.5 whose GPA is less than 3.5 and belong to High School having size greater than 1500.



27. Delete the students who have scored less than 3.2 GPA.

Oracle Live SQL - SQL Worksheet x SQL AND, OR, NOT Operators x +

livesql.oracle.com/apex/f?p=590:110553626532911::NO::

Apps Gmail YouTube Maps Machine Learning... Student Corner Inbox (1,551) - krish... Free Typing Speed... Dark Season 1 Epis... GeeksforGeeks [A C... Programming & En...

Feedback Help Rishwanter.chatur_cs19@ghs.ac.in

Home SQL Worksheet My Session Schema Quick SQL My Scripts My Tutorials Code Library

SQL Worksheet Clear Find Actions Save Run

```
1 delete from student where EPI<0.2
```

2 row(s) deleted.

ORACLE Integrated Cloud
© 2020 Oracle Corporation - Privacy - Terms of Use
Oracle Learning Library - Ask Tom - Dev Gym - Database Doc 19c, 18c, 12c - Follow on Twitter
Live SQL, 2022, running Oracle Database 19c Enterprise Edition - 19.0.0.0 Built with using Oracle APEX

Type here to search

ENG IN 10:59 PM 10-Jul-20

