

ADBMS Assignment 1

Name: **Prashant Sahu**

Section: **C**

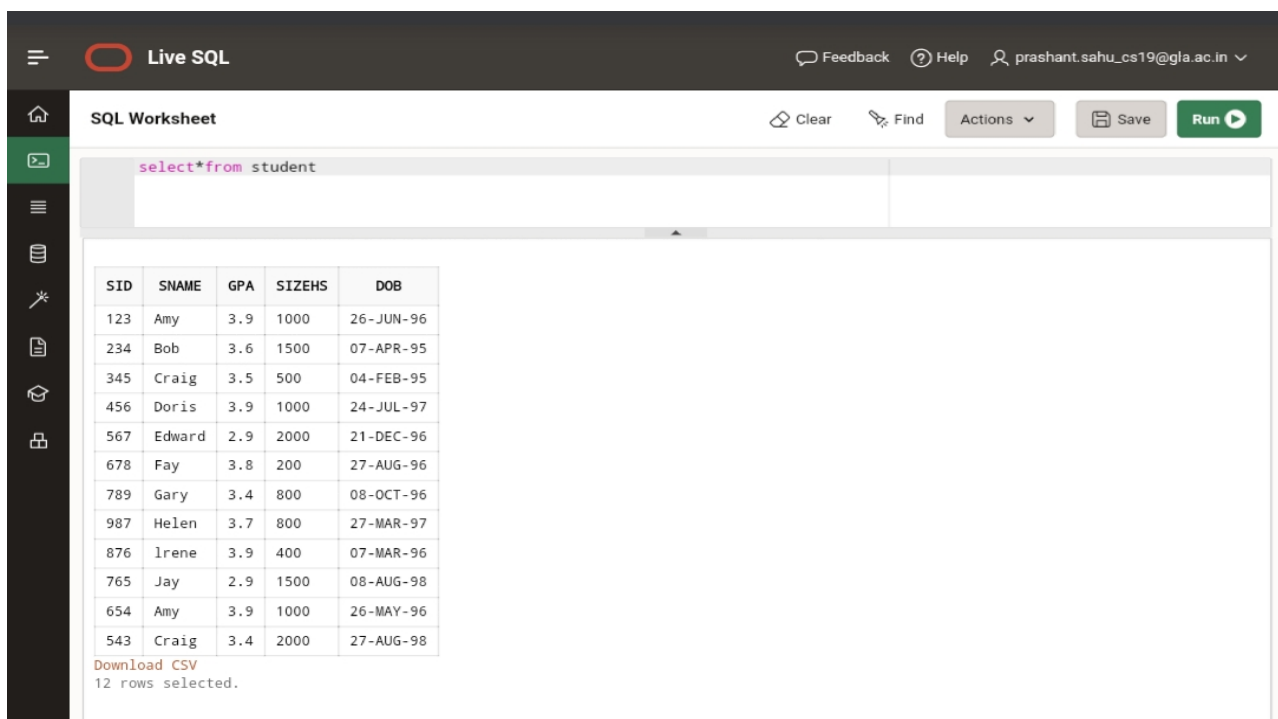
Year :**2nd**

Univ Id: **191500581**

Roll No.: **23**

Exercise-1

Student



The screenshot shows the 'Live SQL' web application interface. At the top, there's a navigation bar with 'Live SQL' and user information. Below it, the 'SQL Worksheet' section contains a text area with the query `select*from student`. To the right of the text area are buttons for 'Clear', 'Find', 'Actions', 'Save', and 'Run'. Below the text area, the query results are displayed in a table with 5 columns: SID, SNAME, GPA, SIZEHS, and DOB. The table contains 12 rows of student data. At the bottom of the table, there's a 'Download CSV' link and a message '12 rows selected.'

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

[Download CSV](#)
12 rows selected.

College

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Live SQL

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SQL Worksheet

Clear Find Actions Save Run

```
select*from college
```

ENAME	STATE	ENROLLMENT
Stanford	CA	15000
Berkeley	CA	36000
MIT	MA	10000
Cornell	NY	21000
Harvard	MA	50040

Download CSV

5 rows selected.

Apply

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Live SQL

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SQL Worksheet

Clear Find Actions Save Run

```
select*from apply
```

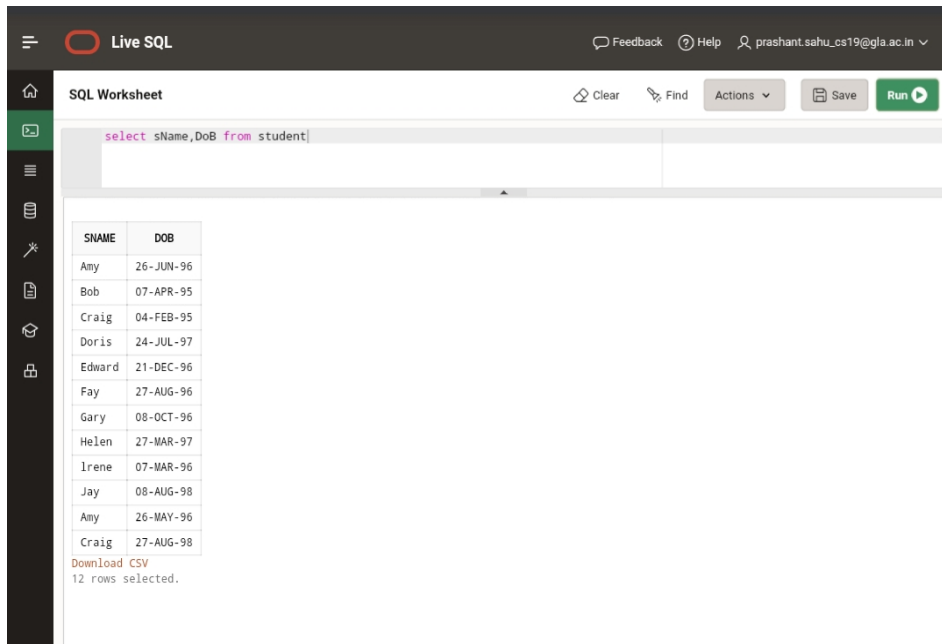
SID	ENAME	MAJOR	DECISION
123	Stanford	CS	Y
123	Stanford	EE	N
123	Berkeley	CS	Y
123	Cornell	EE	Y
234	Berkeley	biology	N
345	MIT	bioengineering	Y
345	Cornell	bioengineering	N
345	Cornell	CS	Y
345	Cornell	EE	N
678	Stanford	history	Y
987	Stanford	CS	Y
987	Berkeley	CS	Y
876	Stanford	CS	N
876	MIT	biology	Y
876	MIT	marine biology	N
765	Stanford	history	Y
765	Cornell	history	N
765	Cornell	psychology	Y
543	MIT	CS	N

Download CSV

19 rows selected.

Queries

1. List the student name, dob from student table:

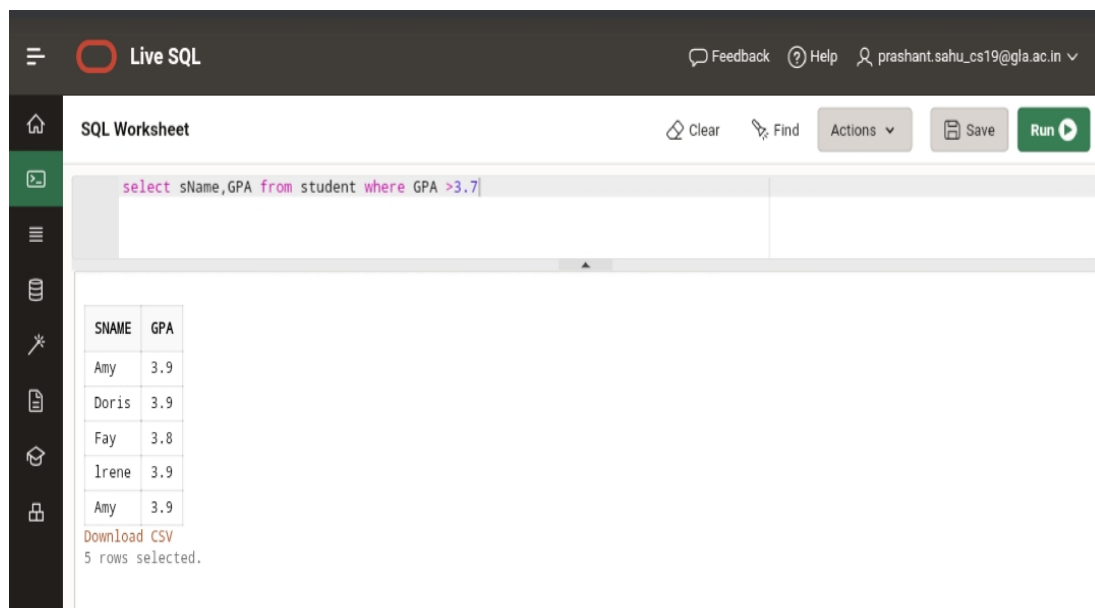


The screenshot shows the Live SQL interface. The query entered is `select sName,DoB from student`. The results table has two columns: SNAME and DOB. There are 12 rows of data.

SNAME	DOB
Amy	26-JUN-96
Bob	07-APR-95
Craig	04-FEB-95
Doris	24-JUL-97
Edward	21-DEC-96
Fay	27-AUG-96
Gary	08-OCT-96
Helen	27-MAR-97
Irene	07-MAR-96
Jay	08-AUG-98
Amy	26-MAY-96
Craig	27-AUG-98

Download CSV
12 rows selected.

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

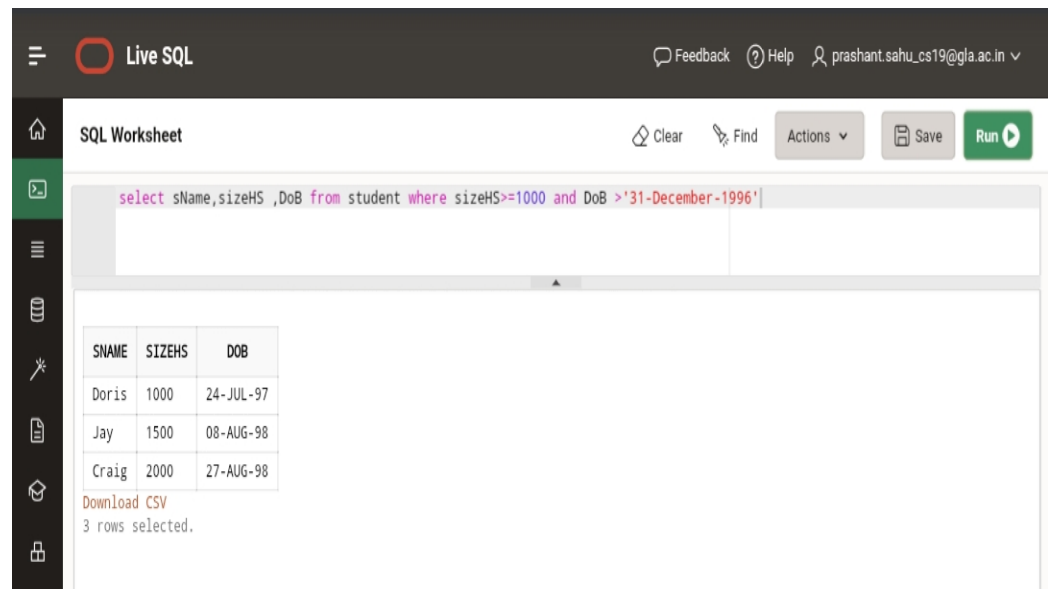


The screenshot shows the Live SQL interface. The query entered is `select sName,GPA from student where GPA >3.7`. The results table has two columns: SNAME and GPA. There are 5 rows of data.

SNAME	GPA
Amy	3.9
Doris	3.9
Fay	3.8
Irene	3.9
Amy	3.9

Download CSV
5 rows selected.

3. List the name of student whose High School size is atleast 1000 and born after 1996 :

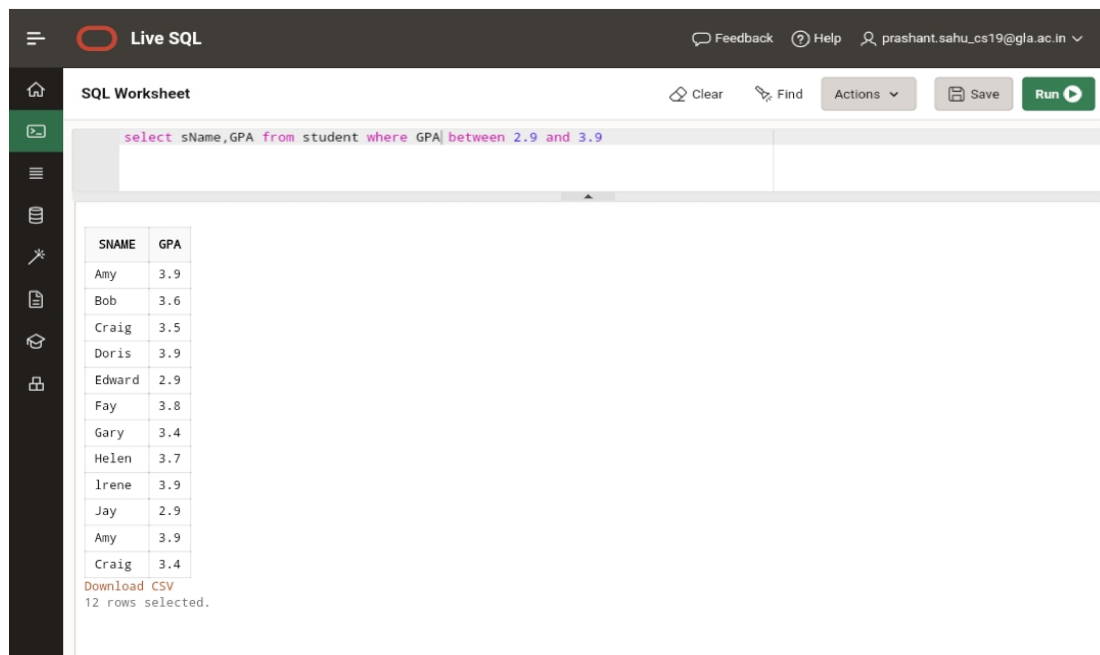


The screenshot shows the Live SQL interface. The SQL Worksheet contains the query: `select sName,sizeHS ,DoB from student where sizeHS>=1000 and DoB >'31-December-1996'`. The results are displayed in a table with 3 rows selected.

SNAME	SIZEHS	DOB
Doris	1000	24-JUL-97
Jay	1500	08-AUG-98
Craig	2000	27-AUG-98

Download CSV
3 rows selected.

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



The screenshot shows the Live SQL interface. The SQL Worksheet contains the query: `select sName,GPA from student where GPA between 2.9 and 3.9`. The results are displayed in a table with 12 rows selected.

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

Download CSV
12 rows selected.

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

The screenshot shows the Live SQL interface. The query entered is: `select eName as cName , state , enrollment from college where state='MA'`. The results table shows two rows: MIT and Harvard, both in MA.

CNAME	STATE	ENROLLMENT
MIT	MA	10000
Harvard	MA	50040

Download CSV
2 rows selected.

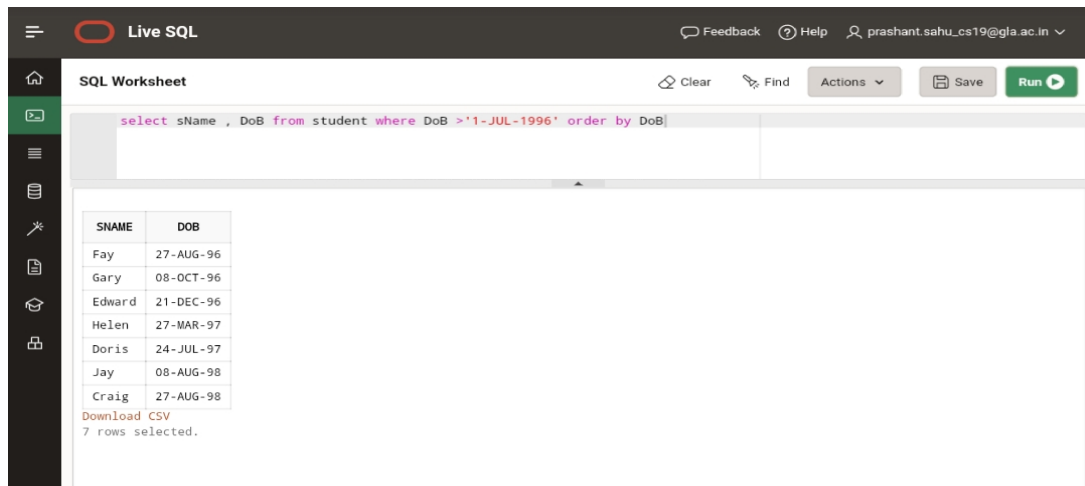
6. List the students who are scored more than 2.0 but less than 3.5.

The screenshot shows the Live SQL interface. The query entered is: `select sName , GPA from student where GPA>2.0 and GPA<3.5`. The results table shows four rows: Edward, Gary, Jay, and Craig, with their respective GPAs.

SNAME	GPA
Edward	2.9
Gary	3.4
Jay	2.9
Craig	3.4

Download CSV
4 rows selected.

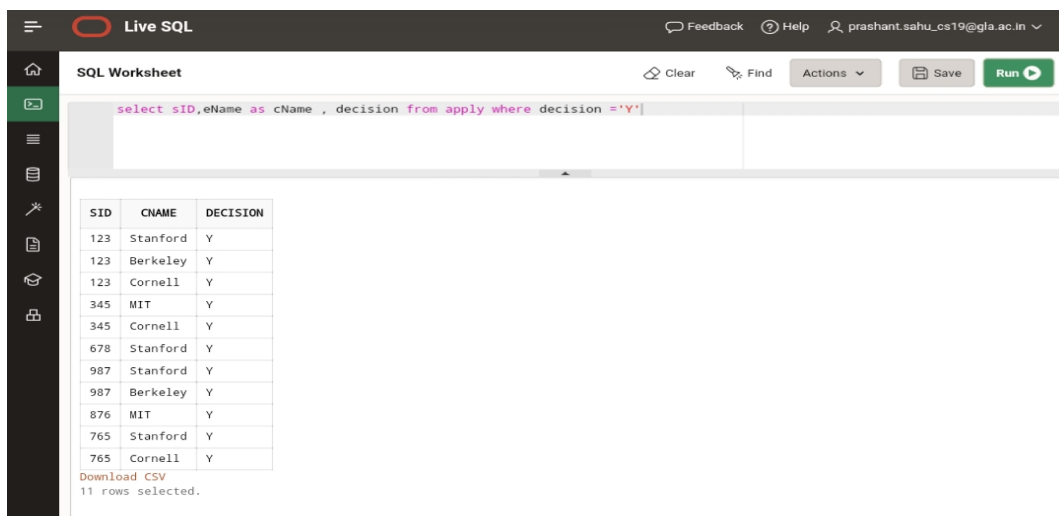
7. List the students who have born after 1st Jul 96 in the order of the Date of Birth.



The screenshot shows the Live SQL interface with a query: `select sName , DoB from student where DoB > '1-JUL-1996' order by DoB`. The results table has two columns: SNAME and DOB. Below the table, it says "Download CSV" and "7 rows selected."

SNAME	DOB
Fay	27-AUG-96
Gary	08-OCT-96
Edward	21-DEC-96
Helen	27-MAR-97
Doris	24-JUL-97
Jay	08-AUG-98
Craig	27-AUG-98

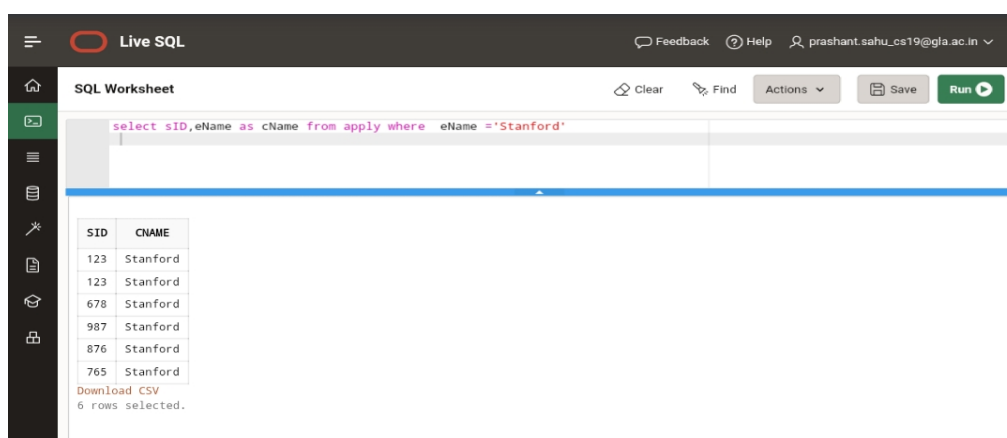
8. List the sID, cName, decision of applications that are accepted.



The screenshot shows the Live SQL interface with a query: `select sID,eName as cName , decision from apply where decision ='Y'`. The results table has three columns: SID, CNAME, and DECISION. Below the table, it says "Download CSV" and "11 rows selected."

SID	CNAME	DECISION
123	Stanford	Y
123	Berkeley	Y
123	Cornell	Y
345	MIT	Y
345	Cornell	Y
678	Stanford	Y
987	Stanford	Y
987	Berkeley	Y
876	MIT	Y
765	Stanford	Y
765	Cornell	Y

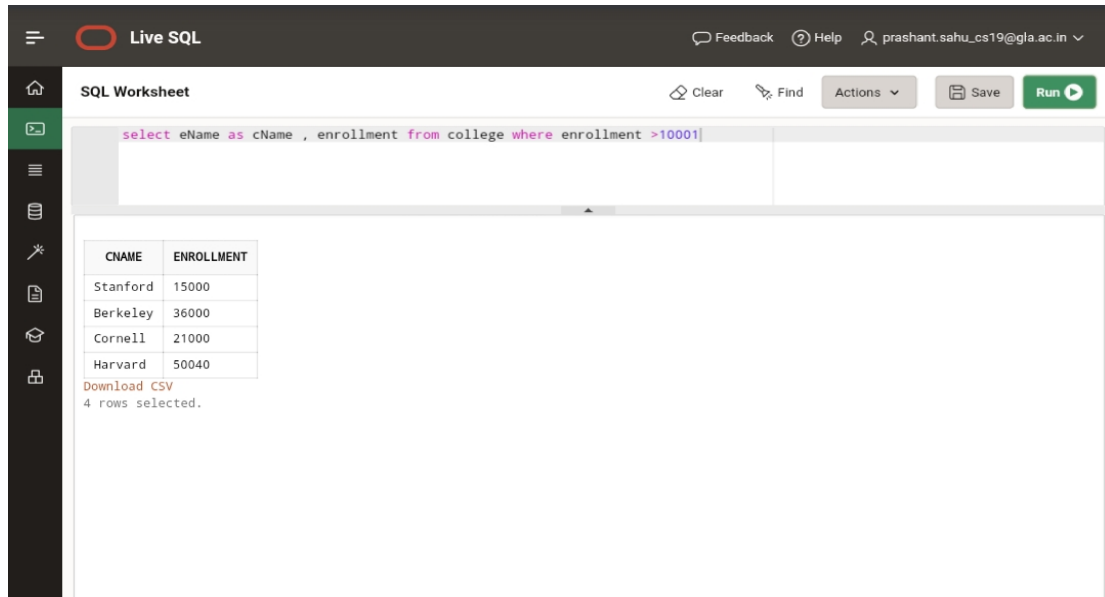
9. List the sID, cName of applications which are filled at Stanford.



The screenshot shows the Live SQL interface with a query: `select sID,eName as cName from apply where eName ='Stanford'`. The results table has two columns: SID and CNAME. Below the table, it says "Download CSV" and "6 rows selected."

SID	CNAME
123	Stanford
123	Stanford
678	Stanford
987	Stanford
876	Stanford
765	Stanford

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

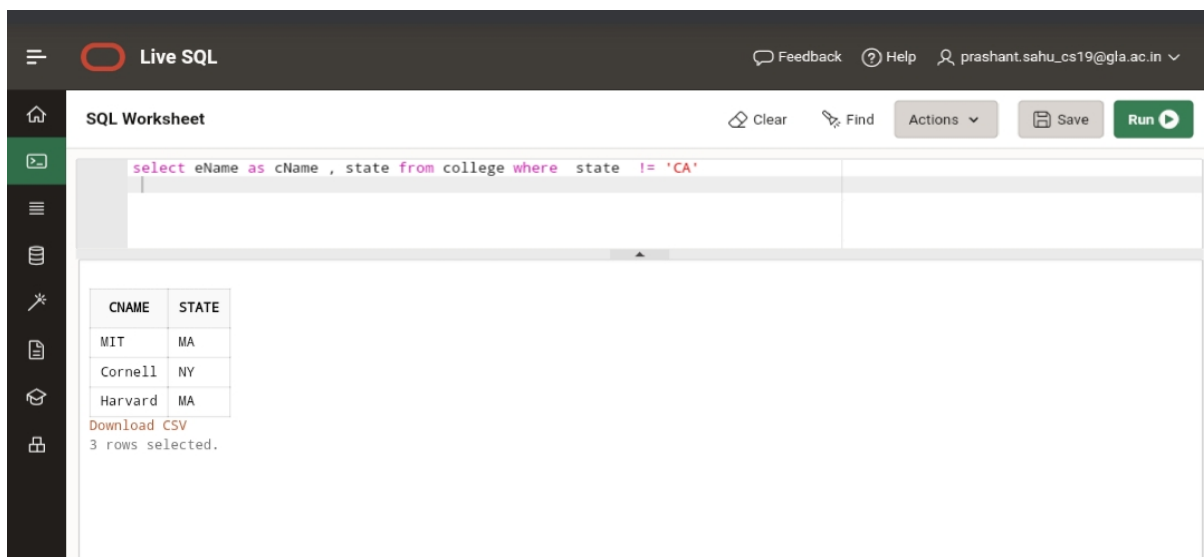


The screenshot shows the Live SQL interface with the following components:

- Header:** "Live SQL" logo, "Feedback", "Help", and user profile "prashant.sahu_cs19@glia.ac.in".
- Toolbar:** "Clear", "Find", "Actions", "Save", and "Run" buttons.
- SQL Worksheet:** The query `select eName as cName , enrollment from college where enrollment >10001` is entered.
- Results:** A table with 2 columns: CNAME and ENROLLMENT. It contains 4 rows of data.
- Footer:** "Download CSV" link and "4 rows selected." message.

CNAME	ENROLLMENT
Stanford	15000
Berkeley	36000
Cornell	21000
Harvard	50040

11. List the colleges not in California.

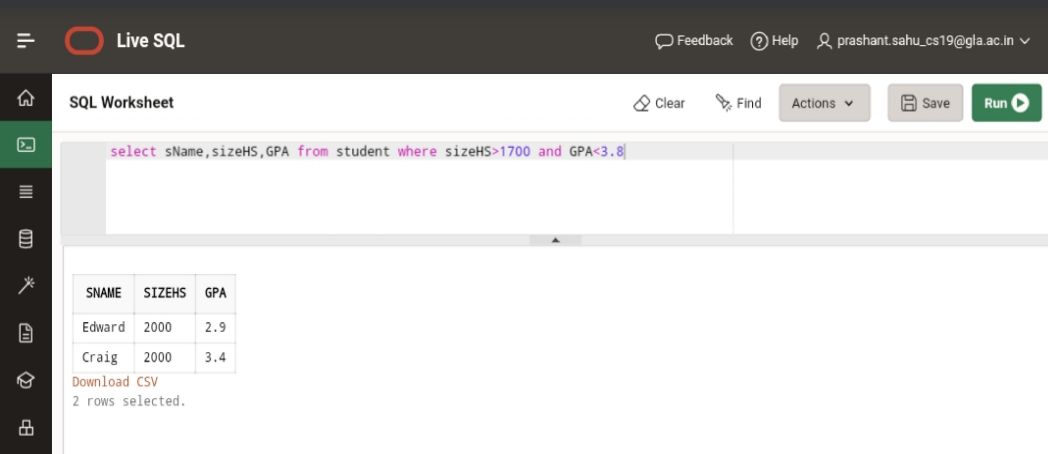


The screenshot shows the Live SQL interface with the following components:

- Header:** "Live SQL" logo, "Feedback", "Help", and user profile "prashant.sahu_cs19@glia.ac.in".
- Toolbar:** "Clear", "Find", "Actions", "Save", and "Run" buttons.
- SQL Worksheet:** The query `select eName as cName , state from college where state != 'CA'` is entered.
- Results:** A table with 2 columns: CNAME and STATE. It contains 3 rows of data.
- Footer:** "Download CSV" link and "3 rows selected." message.

CNAME	STATE
MIT	MA
Cornell	NY
Harvard	MA

12. List names of all student who came from high school having size greater than 1700 and scored GPA less than 3.8.



The screenshot shows the Live SQL interface. The query entered is `select sName,sizeHS,GPA from student where sizeHS>1700 and GPA<3.8`. The results table shows two rows: Edward with sizeHS 2000 and GPA 2.9, and Craig with sizeHS 2000 and GPA 3.4. Below the table, it says "Download CSV" and "2 rows selected."

SNAME	SIZEHS	GPA
Edward	2000	2.9
Craig	2000	3.4

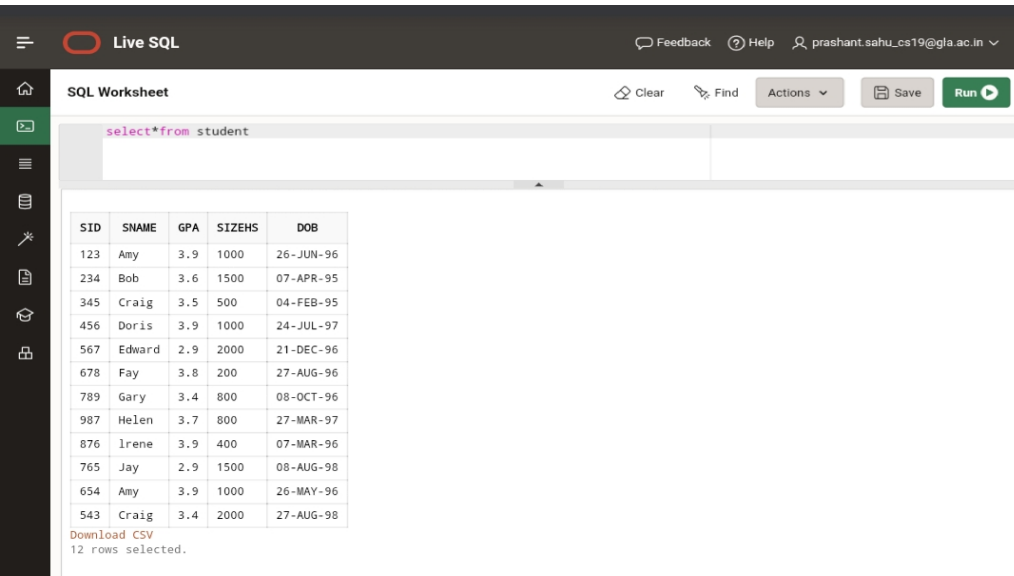
Download CSV
2 rows selected.

13. Display the description of the Student table.

Table STUDENT

Column	Type	Length	Precision	Scale	Nullable
SID	NUMBER	22		0	Yes
SNAME	VARCHAR2	10			Yes
GPA	NUMBER	22	2	1	Yes
SIZEHS	NUMBER	22		0	Yes
DOB	DATE	7			Yes

14. Display the details of all students.



The screenshot shows the Live SQL interface. The query entered is `select * from student`. The results table shows 12 rows of student data. Below the table, it says "Download CSV" and "12 rows selected."

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

Download CSV
12 rows selected.

15. Display unique majors.

The screenshot shows the Live SQL interface. The SQL Worksheet contains the query: `select distinct major from apply`. The results table, titled 'MAJOR', displays the following data:

MAJOR
marine biology
psychology
EE
biology
history
bioengineering
CS

Below the table, it says 'Download CSV' and '7 rows selected.'.

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

The screenshot shows the Live SQL interface. The SQL Worksheet contains the query: `select sName from student where sName like '___'`. The results table, titled 'SNAME', displays the following data:

SNAME
Amy
Bob
Fay
Jay
Amy

Below the table, it says 'Download CSV' and '5 rows selected.'.

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

The screenshot shows the Live SQL interface. The SQL Worksheet contains the query: `select sName from student where sName like 'H_____'`. The results table, titled 'SNAME', displays the following data:

SNAME
Helen

Below the table, it says 'Download CSV'.

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

The screenshot shows the Live SQL interface with the following SQL query entered in the worksheet:

```
select sName from student where sName like '__e_e%'
```

The results table displays the following data:

SNAME
Irene

Below the table, there is a link to "Download CSV".

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

The screenshot shows the Live SQL interface with the following SQL query entered in the worksheet:

```
select sName from student where sName like '%y'
```

The results table displays the following data:

SNAME
Amy
Fay
Gary
Jay
Amy

Below the table, there is a link to "Download CSV" and a message "5 rows selected."

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

The screenshot shows the Live SQL interface with the following SQL query entered in the worksheet:

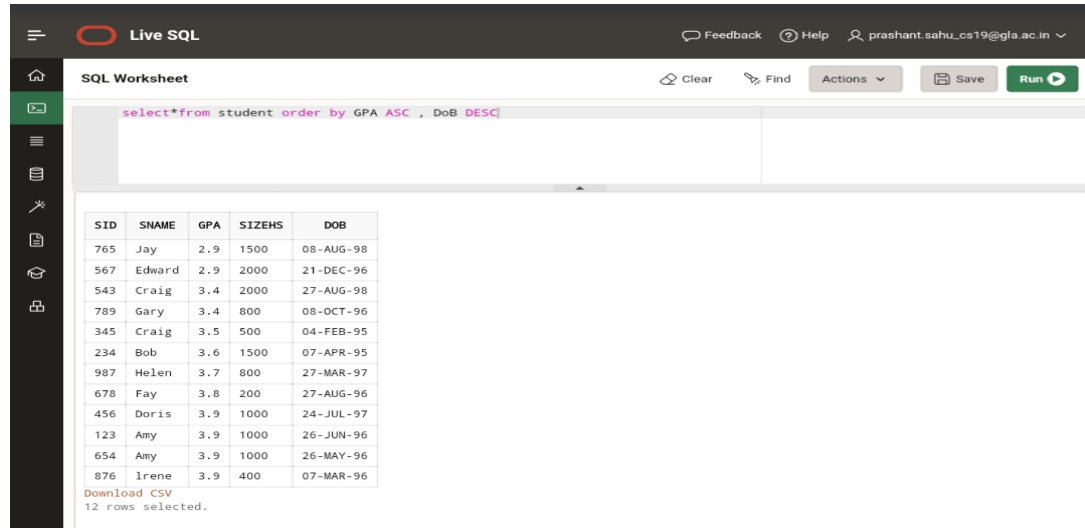
```
select sName ,GPA from student order by GPA
```

The results table displays the following data:

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
Irene	3.9
Amy	3.9
Amy	3.9
Doris	3.9

Below the table, there is a link to "Download CSV" and a message "12 rows selected."

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

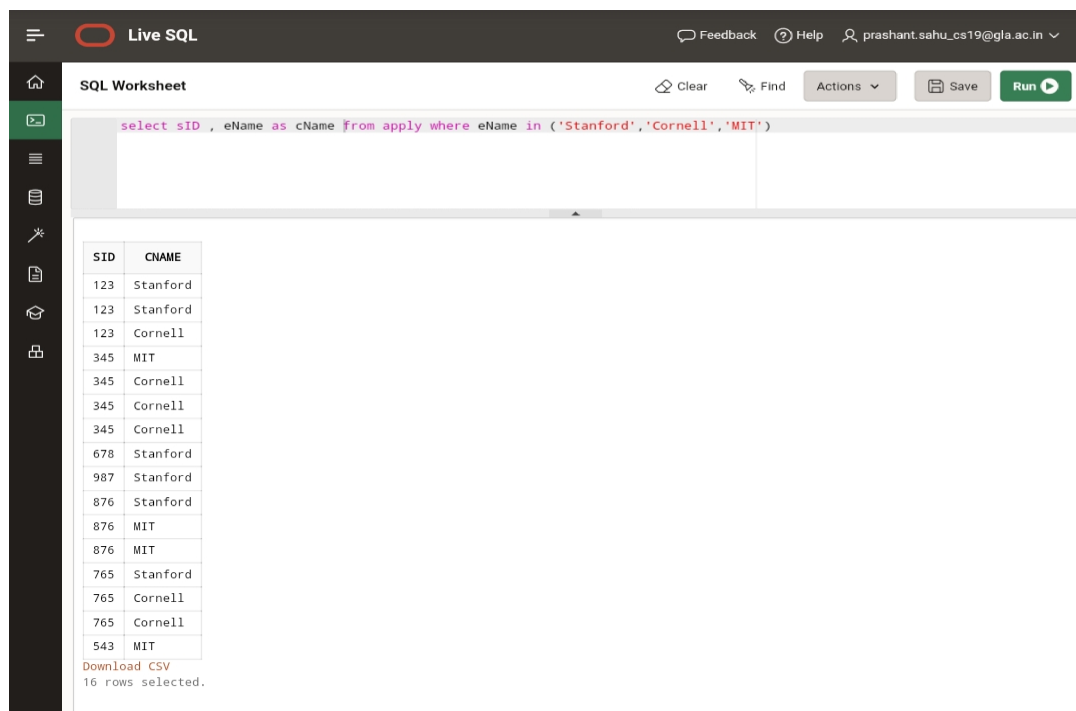


The screenshot shows the Live SQL interface with a query editor and a results table. The query is `select * from student order by GPA ASC , DoB DESC`. The results table has 5 columns: SID, SNAME, GPA, SIZEHS, and DOB. It contains 12 rows of student data, sorted by GPA in ascending order and then by DOB in descending order.

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

Download CSV
12 rows selected.

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

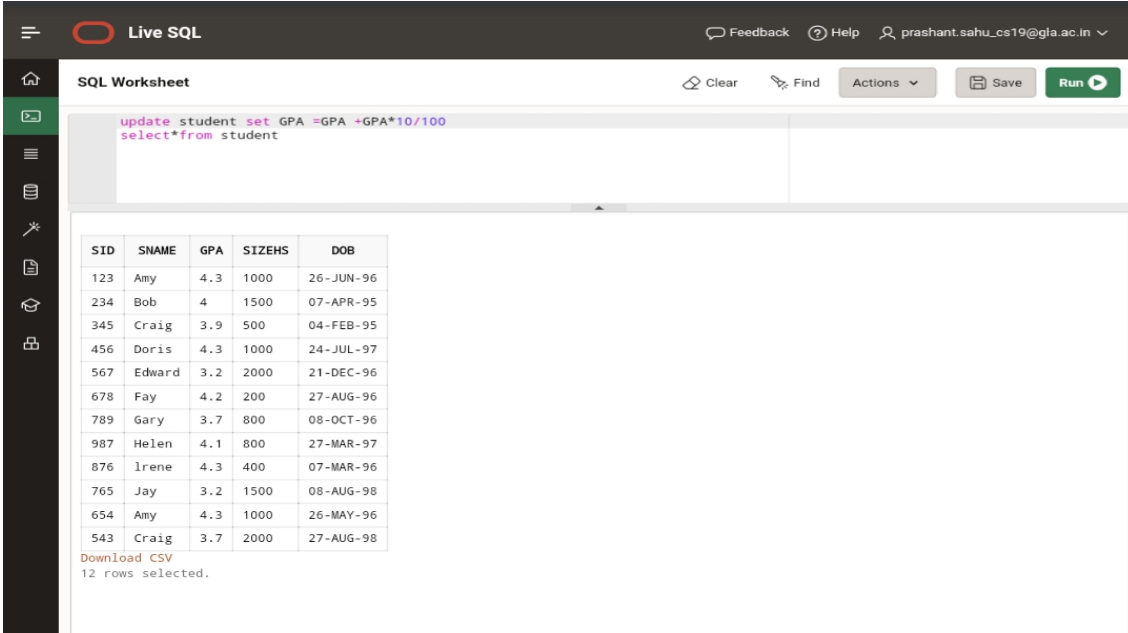


The screenshot shows the Live SQL interface with a query and its results. The query is `select sID , eName as cName from apply where eName in ('Stanford','Cornell','MIT')`. The results table has 2 columns: SID and CNAME. It contains 16 rows of student data, filtered by the specified colleges.

SID	CNAME
123	Stanford
123	Stanford
123	Cornell
345	MIT
345	Cornell
345	Cornell
345	Cornell
678	Stanford
987	Stanford
876	Stanford
876	MIT
876	MIT
765	Stanford
765	Cornell
765	Cornell
543	MIT

Download CSV
16 rows selected.

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



The screenshot shows the Live SQL interface with the following SQL query entered:

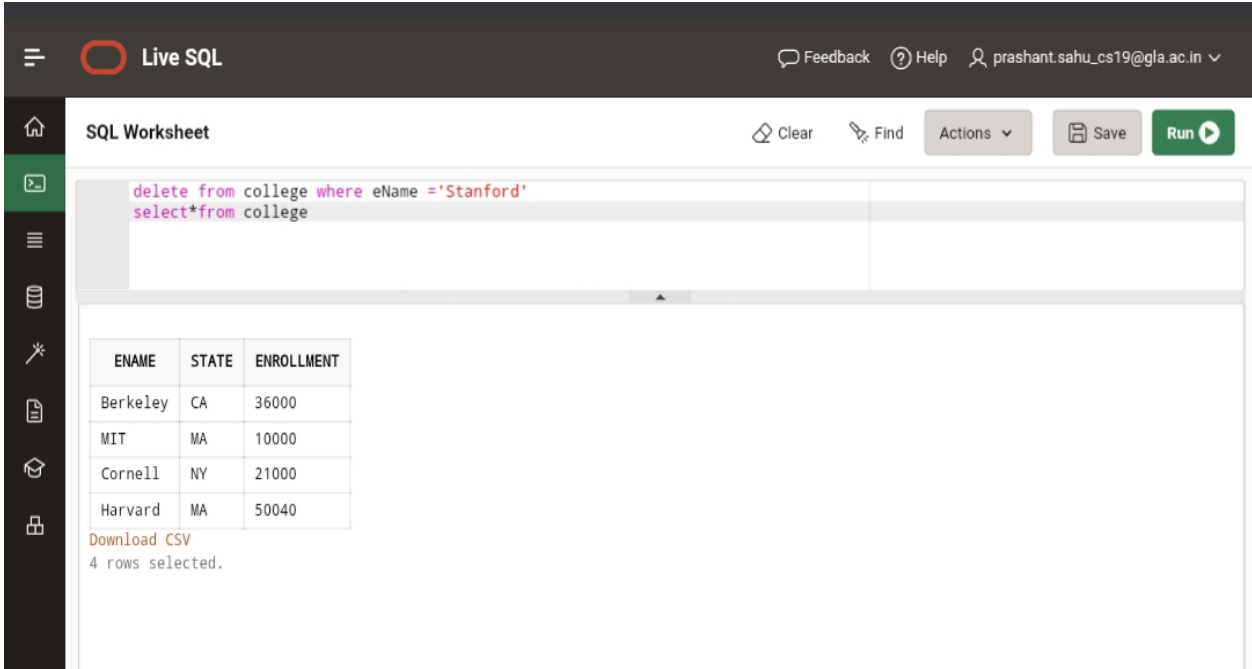
```
update student set GPA =GPA +GPA*10/100
select*from student
```

Below the query, a table of student data is displayed:

SID	SNAME	GPA	SIZEHS	DOB
123	Amy	4.3	1000	26-JUN-96
234	Bob	4	1500	07-APR-95
345	Craig	3.9	500	04-FEB-95
456	Doris	4.3	1000	24-JUL-97
567	Edward	3.2	2000	21-DEC-96
678	Fay	4.2	200	27-AUG-96
789	Gary	3.7	800	08-OCT-96
987	Helen	4.1	800	27-MAR-97
876	Irene	4.3	400	07-MAR-96
765	Jay	3.2	1500	08-AUG-98
654	Amy	4.3	1000	26-MAY-96
543	Craig	3.7	2000	27-AUG-98

Download CSV
12 rows selected.

24. Delete the college Stanford from college table.



The screenshot shows the Live SQL interface with the following SQL query entered:

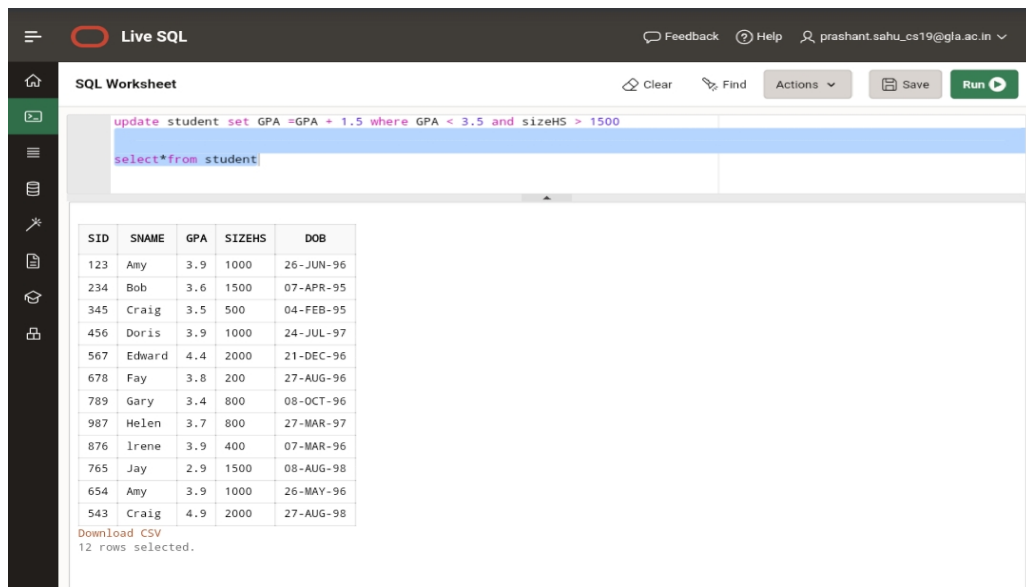
```
delete from college where eName ='Stanford'
select*from college
```

Below the query, a table of college data is displayed:

ENAME	STATE	ENROLLMENT
Berkeley	CA	36000
MIT	MA	10000
Cornell	NY	21000
Harvard	MA	50040

Download CSV
4 rows selected.

25. 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.



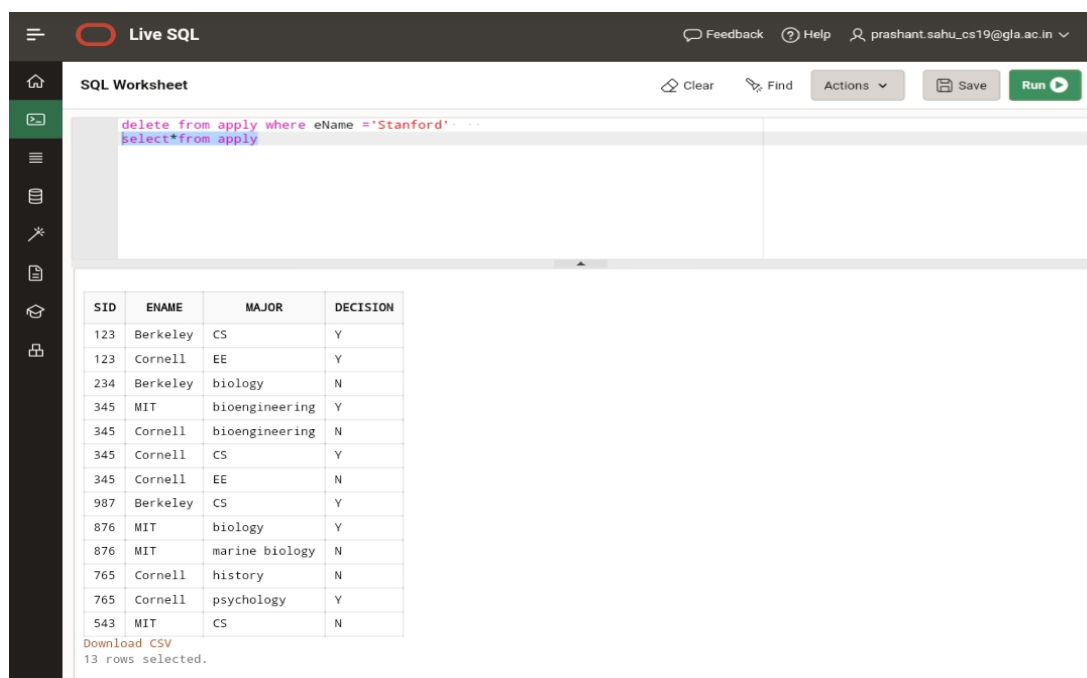
The screenshot shows a web-based SQL editor interface. The top bar includes a hamburger menu, a "Live SQL" logo, and user information. The main area is titled "SQL Worksheet" and contains two SQL queries: an update statement to increase GPA by 1.5 for students with GPA < 3.5 and sizeHS > 1500, followed by a select statement to view the results. Below the queries, a table displays 12 rows of student data with columns SID, SNAME, GPA, SIZEHS, and DOB.

```
update student set GPA =GPA + 1.5 where GPA < 3.5 and sizeHS > 1500
select*from student
```

SID	SNAME	GPA	SIZEHS	DOB
123	Amy	3.9	1000	26-JUN-96
234	Bob	3.6	1500	07-APR-95
345	Craig	3.5	500	04-FEB-95
456	Doris	3.9	1000	24-JUL-97
567	Edward	4.4	2000	21-DEC-96
678	Fay	3.8	200	27-AUG-96
789	Gary	3.4	800	08-OCT-96
987	Helen	3.7	800	27-MAR-97
876	Irene	3.9	400	07-MAR-96
765	Jay	2.9	1500	08-AUG-98
654	Amy	3.9	1000	26-MAY-96
543	Craig	4.9	2000	27-AUG-98

Download CSV
12 rows selected.

26. Delete all applications filled at Stanford :



The screenshot shows a web-based SQL editor interface. The top bar includes a hamburger menu, a "Live SQL" logo, and user information. The main area is titled "SQL Worksheet" and contains two SQL queries: a delete statement to remove applications from Stanford, followed by a select statement to view the results. Below the queries, a table displays 13 rows of application data with columns SID, ENAME, MAJOR, and DECISION.

```
delete from apply where eName ='Stanford'
select*from apply
```

SID	ENAME	MAJOR	DECISION
123	Berkeley	CS	Y
123	Cornell	EE	Y
234	Berkeley	biology	N
345	MIT	bioengineering	Y
345	Cornell	bioengineering	N
345	Cornell	CS	Y
345	Cornell	EE	N
987	Berkeley	CS	Y
876	MIT	biology	Y
876	MIT	marine biology	N
765	Cornell	history	N
765	Cornell	psychology	Y
543	MIT	CS	N

Download CSV
13 rows selected.

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

Live SQL

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SQL Worksheet

Clear Find Actions Save Run

```
delete from student where GPA < 3.2
```

```
select * from student
```

SID	SNAME	GPA	SIZEHS	DOB
123	Amy	3.9	1000	26-JUN-96
234	Bob	3.6	1500	07-APR-95
345	Craig	3.5	500	04-FEB-95
456	Doris	3.9	1000	24-JUL-97
678	Fay	3.8	200	27-AUG-96
789	Gary	3.4	800	08-OCT-96
987	Helen	3.7	800	27-MAR-97
876	Irene	3.9	400	07-MAR-96
654	Amy	3.9	1000	26-MAY-96
543	Craig	3.4	2000	27-AUG-98

Download CSV
10 rows selected.

Exercise-2

Dept

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Live SQL

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SQL Worksheet

Clear Find Actions Save Run

```
select* from dept
```

DEPTNO	DNAME	LOC
1	ACCOUNTING	ST LOUIS
2	RESEARCH	NEW YORK
3	SALES	ATLANTA
4	OPERATIONS	SEATTLE

Download CSV
4 rows selected.

Employee

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Live SQL

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SQL Worksheet

Clear Find Actions Save Run

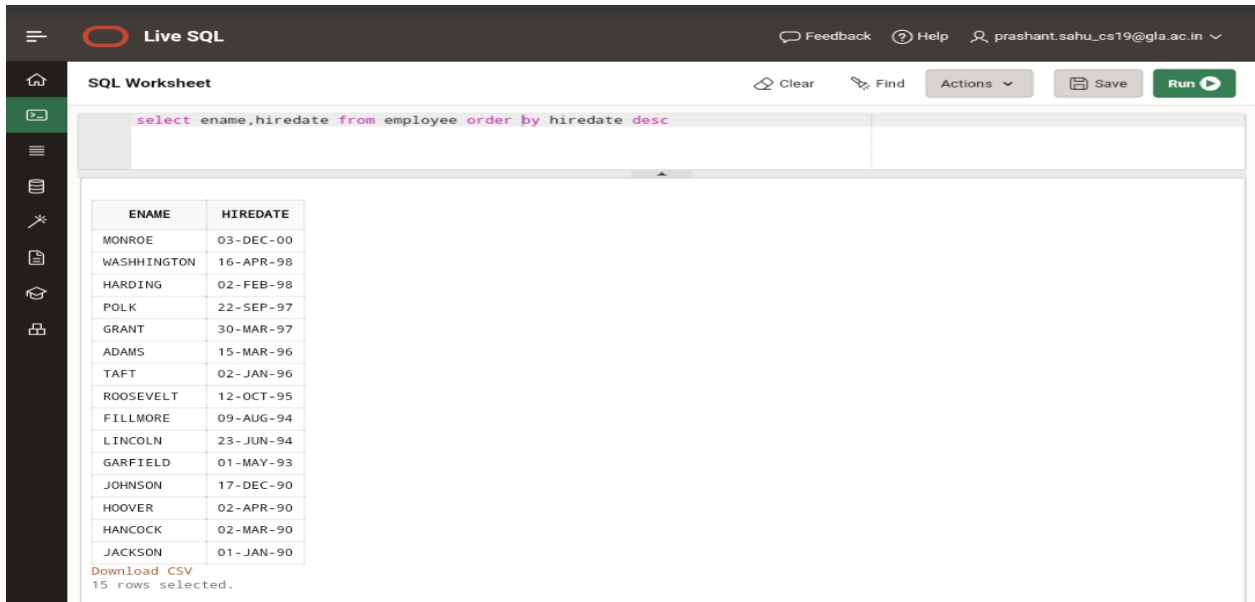
```
select* from Employee
```

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPT
1	JOHNSON	ADMIN	6	17-DEC-90	18000	-	4
2	HARDING	MANAGER	9	02-FEB-98	52000	300	3
3	TAFT	SALES I	2	02-JAN-96	25000	500	3
4	HOOVER	SALES I	2	02-APR-90	27000	-	3
5	LINCOLN	TECH	6	23-JUN-94	22500	1400	4
6	GARFIELD	MANAGER	9	01-MAY-93	54000	-	4
7	POLK	TECH	6	22-SEP-97	25000	-	4
8	GRANT	ENGINEER	10	30-MAR-97	32000	-	2
9	JACKSON	CEO	-	01-JAN-90	75000	-	4
10	FILLMORE	MANAGER	9	09-AUG-94	56000	-	2
11	ADAMS	ENGINEER	10	15-MAR-96	34000	-	2
12	WASHINGTON	ADMIN	6	16-APR-98	18000	-	4
13	MONROE	ENGINEER	10	03-DEC-00	30000	-	2
14	ROOSEVELT	CPA	9	12-OCT-95	35000	-	1
15	HANCOCK	SALES I	2	02-MAR-90	27500	-	3

Download CSV
15 rows selected.

Queries

Q1. Employee Name and Hire Date sorted by Hire Date (Recent to Old) :

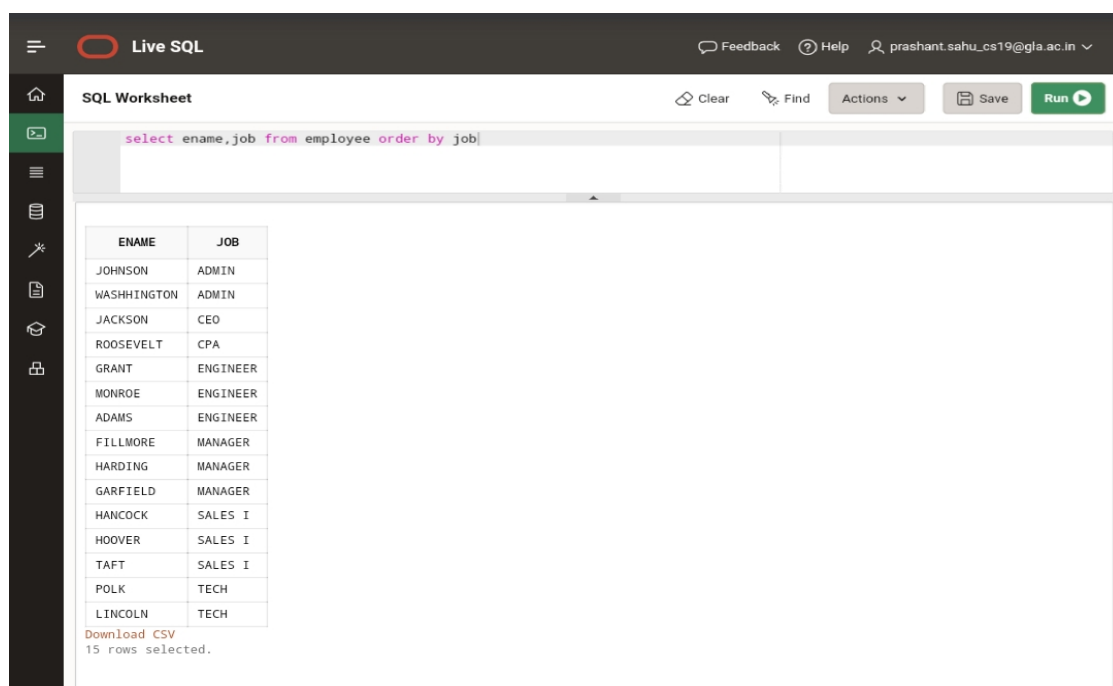


The screenshot shows the Live SQL interface. The SQL Worksheet contains the query: `select ename,hiredate from employee order by hiredate desc`. The results are displayed in a table with 15 rows, sorted by hire date in descending order. The table has columns ENAME and HIREDATE. Below the table, there is a link to Download CSV and a note that 15 rows were selected.

ENAME	HIREDATE
MONROE	03-DEC-00
WASHINGTON	16-APR-98
HARDING	02-FEB-98
POLK	22-SEP-97
GRANT	30-MAR-97
ADAMS	15-MAR-96
TAFT	02-JAN-96
ROOSEVELT	12-OCT-95
FILLMORE	09-AUG-94
LINCOLN	23-JUN-94
GARFIELD	01-MAY-93
JOHNSON	17-DEC-90
HOOVER	02-APR-90
HANCOCK	02-MAR-90
JACKSON	01-JAN-90

[Download CSV](#)
15 rows selected.

Q2. Employee Name and Job sorted by Job (Alphabetically) :

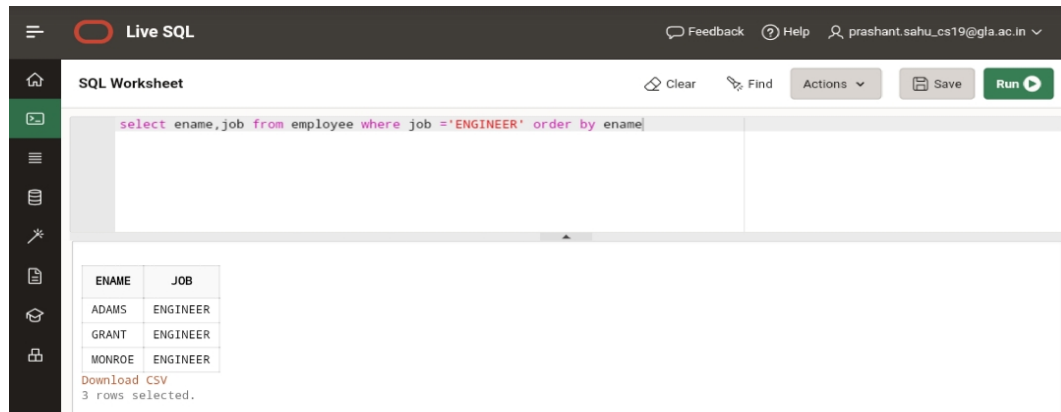


The screenshot shows the Live SQL interface. The SQL Worksheet contains the query: `select ename,job from employee order by job`. The results are displayed in a table with 15 rows, sorted by job in ascending order. The table has columns ENAME and JOB. Below the table, there is a link to Download CSV and a note that 15 rows were selected.

ENAME	JOB
JOHNSON	ADMIN
WASHINGTON	ADMIN
JACKSON	CEO
ROOSEVELT	CPA
GRANT	ENGINEER
MONROE	ENGINEER
ADAMS	ENGINEER
FILLMORE	MANAGER
HARDING	MANAGER
GARFIELD	MANAGER
HANCOCK	SALES I
HOOVER	SALES I
TAFT	SALES I
POLK	TECH
LINCOLN	TECH

[Download CSV](#)
15 rows selected.

Q3. Employee Name and Job for all Engineers, sorted by Employee Name Alphabetically :

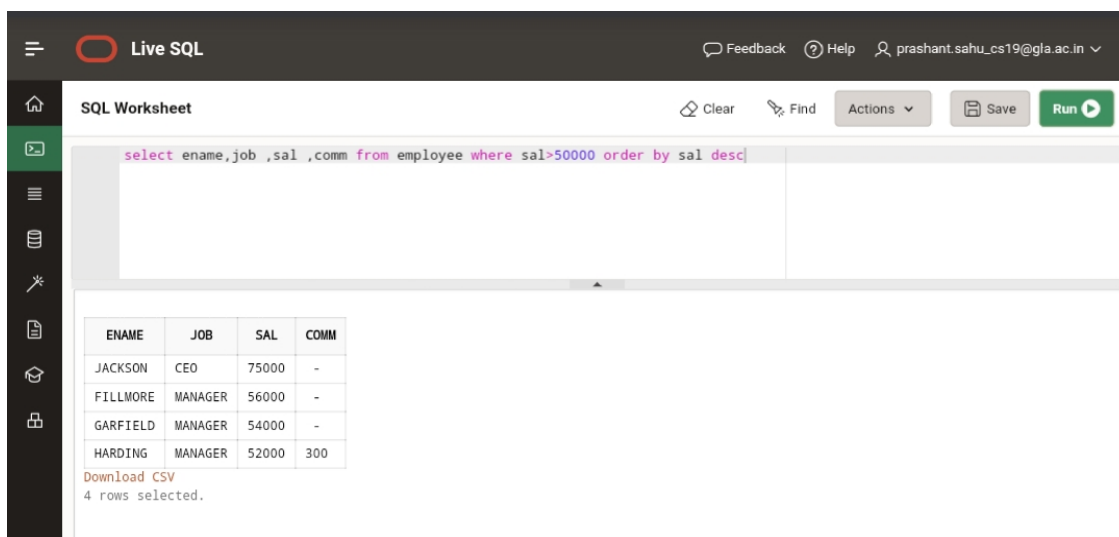


The screenshot shows the Live SQL interface with a query editor and a results table. The query is: `select ename,job from employee where job ='ENGINEER' order by ename`. The results table has two columns: ENAME and JOB. It contains three rows of data.

ENAME	JOB
ADAMS	ENGINEER
GRANT	ENGINEER
MONROE	ENGINEER

Download CSV
3 rows selected.

Q4. Job, Employee Name, Salary and Commission for employees with salary over 50000 sorted by Salary (Largest to Smallest) :

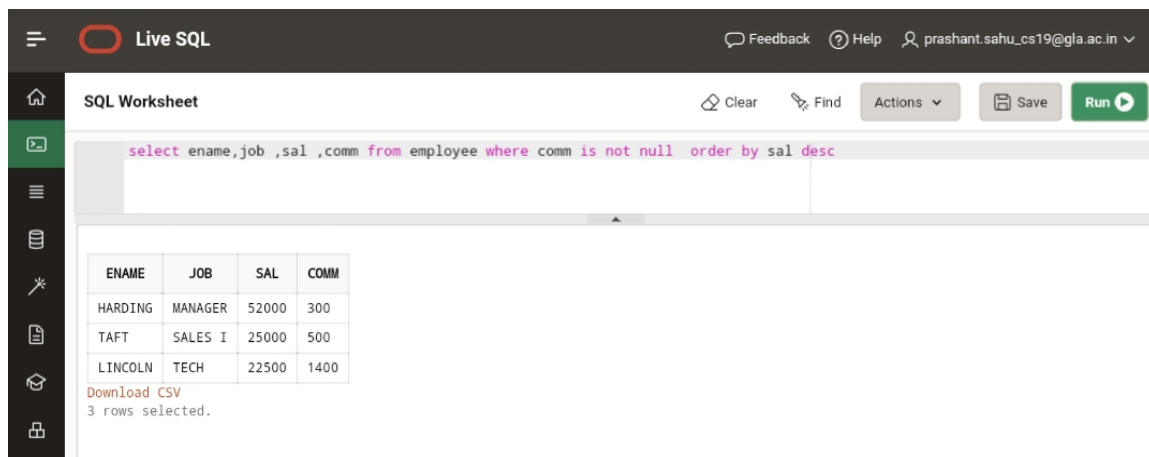


The screenshot shows the Live SQL interface with a query editor and a results table. The query is: `select ename,job ,sal ,comm from employee where sal>50000 order by sal desc`. The results table has four columns: ENAME, JOB, SAL, and COMM. It contains four rows of data.

ENAME	JOB	SAL	COMM
JACKSON	CEO	75000	-
FILLMORE	MANAGER	56000	-
GARFIELD	MANAGER	54000	-
HARDING	MANAGER	52000	300

Download CSV
4 rows selected.

Q5. Job, Employee Name, Salary and Commission for employees with a Commission sorted by Salary (Largest to Smallest).

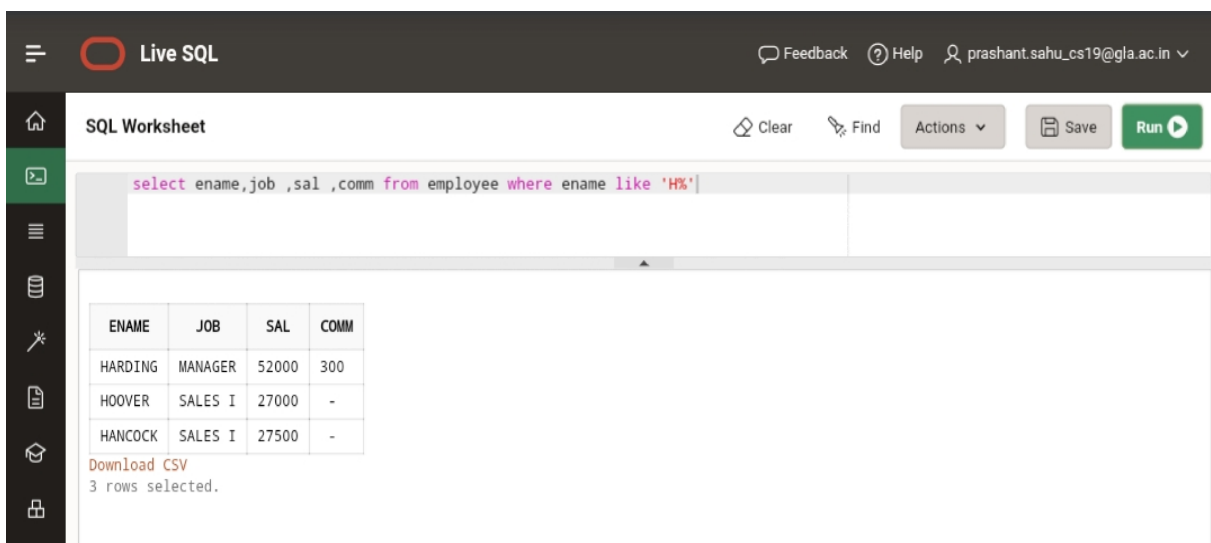


The screenshot shows the Live SQL interface with the following SQL query: `select ename,job ,sal ,comm from employee where comm is not null order by sal desc`. The results table displays three rows of employee data.

ENAME	JOB	SAL	COMM
HARDING	MANAGER	52000	300
TAFT	SALES I	25000	500
LINCOLN	TECH	22500	1400

Download CSV
3 rows selected.

Q6. Job, Employee Name, Salary and Commission for employees whose name starts with the letter H :

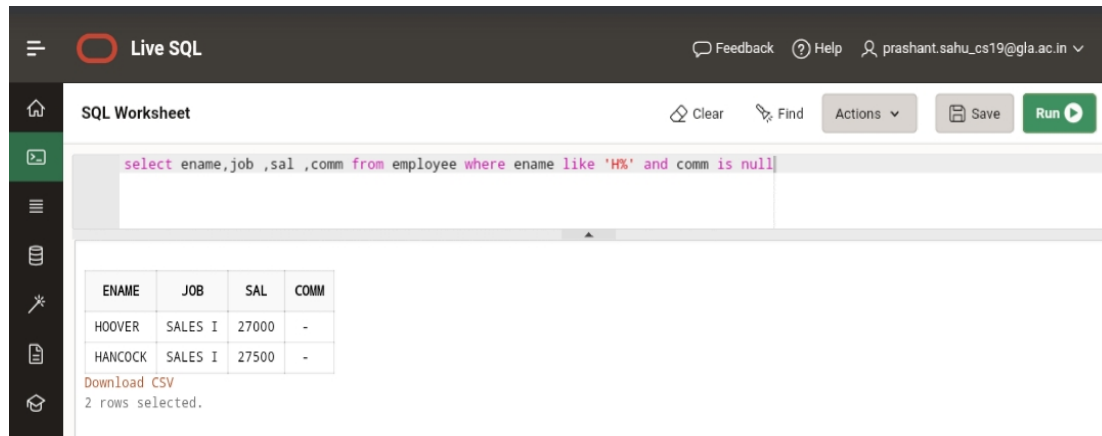


The screenshot shows the Live SQL interface with the following SQL query: `select ename,job ,sal ,comm from employee where ename like 'H%'`. The results table displays three rows of employee data.

ENAME	JOB	SAL	COMM
HARDING	MANAGER	52000	300
HOOVER	SALES I	27000	-
HANCOCK	SALES I	27500	-

Download CSV
3 rows selected.

Q7. Job, Employee Name, Salary and Commission for employees whose name starts with the letter H and who do not get commission:

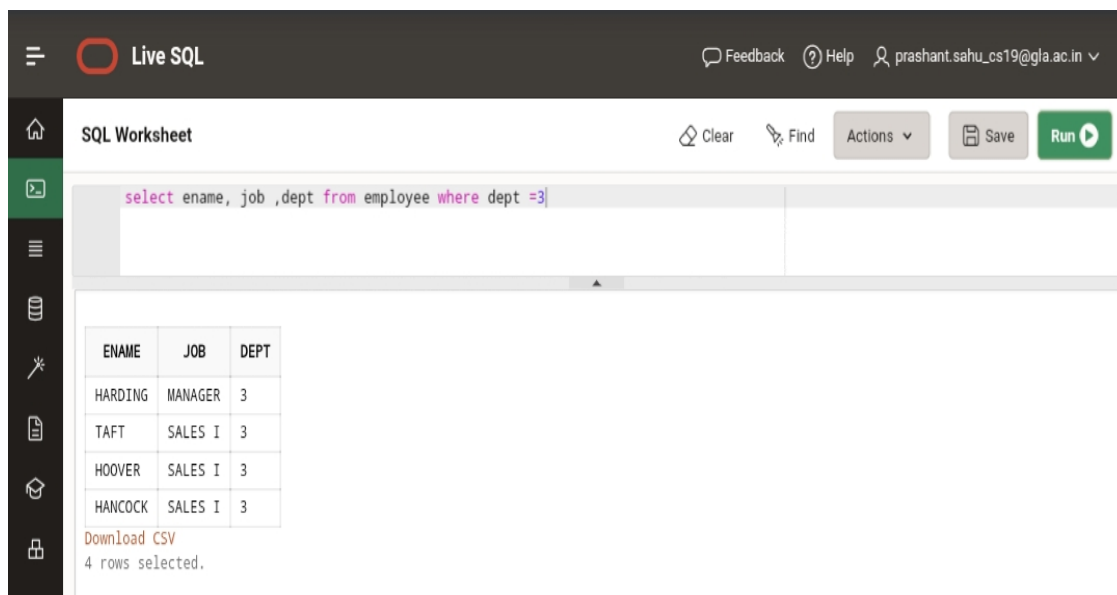


The screenshot shows the Live SQL interface. The SQL Worksheet contains the query: `select ename,job ,sal ,comm from employee where ename like 'H%' and comm is null`. The results table has 2 rows selected.

ENAME	JOB	SAL	COMM
HOOVER	SALES I	27000	-
HANCOCK	SALES I	27500	-

Download CSV
2 rows selected.

Q8. Job, Employee Name for employees in Dept No. 3 :



The screenshot shows the Live SQL interface. The SQL Worksheet contains the query: `select ename, job ,dept from employee where dept =3`. The results table has 4 rows selected.

ENAME	JOB	DEPT
HARDING	MANAGER	3
TAFT	SALES I	3
HOOVER	SALES I	3
HANCOCK	SALES I	3

Download CSV
4 rows selected.

Q9. Dept Name and Loc for employees in Dept No. 3 :

The screenshot shows the Live SQL interface with a query editor containing the SQL statement: `select deptno ,dname,loc from dept where deptno =3`. Below the editor, the results are displayed in a table with columns DEPTNO, DNAME, and LOC. The results show department 3, named SALES, located in ATLANTA. A 'Download CSV' link is visible below the table.

DEPTNO	DNAME	LOC
3	SALES	ATLANTA

Download CSV

Q10. Job, Employee Name, Dept, Salary sorted first by Dept (Smallest to Largest) and then Salary (Largest to Smallest) :

The screenshot shows the Live SQL interface with a query editor containing the SQL statement: `select ename,job,sal ,dept from employee order by dept,sal desc`. Below the editor, the results are displayed in a table with columns ENAME, JOB, SAL, and DEPT. The results are sorted by department (1 to 4) and then by salary (largest to smallest). A 'Download CSV' link is visible below the table, and a message indicates '15 rows selected'.

ENAME	JOB	SAL	DEPT
ROOSEVELT	CPA	35000	1
FILLMORE	MANAGER	56000	2
ADAMS	ENGINEER	34000	2
GRANT	ENGINEER	32000	2
MONROE	ENGINEER	30000	2
HARDING	MANAGER	52000	3
HANCOCK	SALES I	27500	3
HOOVER	SALES I	27000	3
TAFT	SALES I	25000	3
JACKSON	CEO	75000	4
GARFIELD	MANAGER	54000	4
POLK	TECH	25000	4
LINCOLN	TECH	22500	4
WASHINGTON	ADMIN	18000	4
JOHNSON	ADMIN	18000	4

Download CSV
15 rows selected.