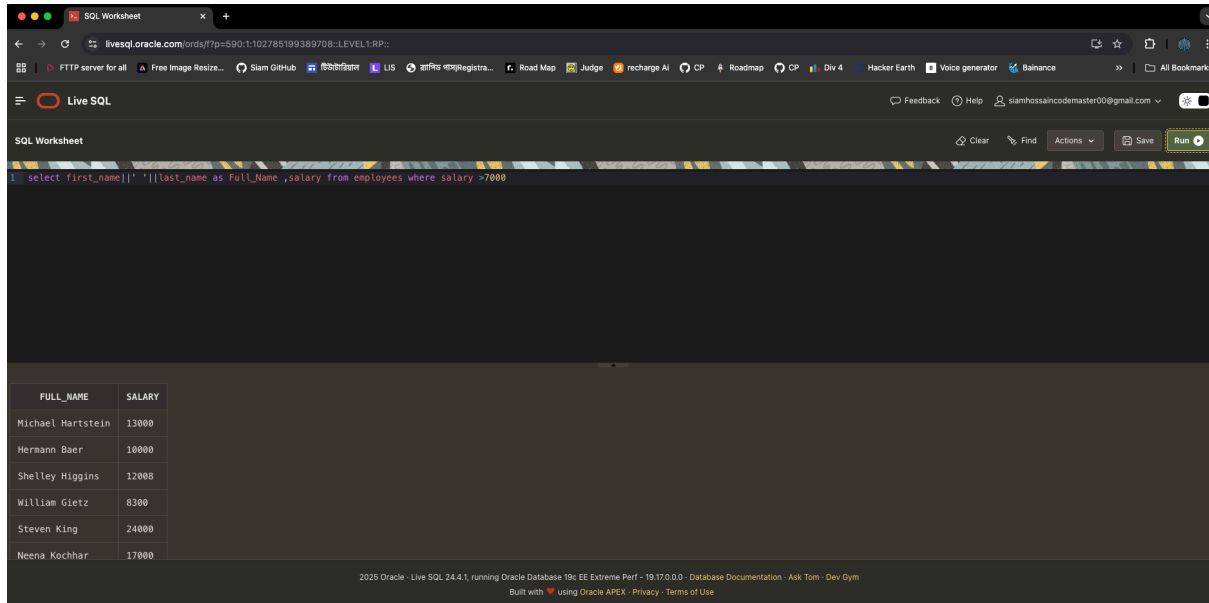


SQL Lab Task 1

1. Create a query to display the first name concatenated with last name and salary of employees earning more than \$7000.

Solve :



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

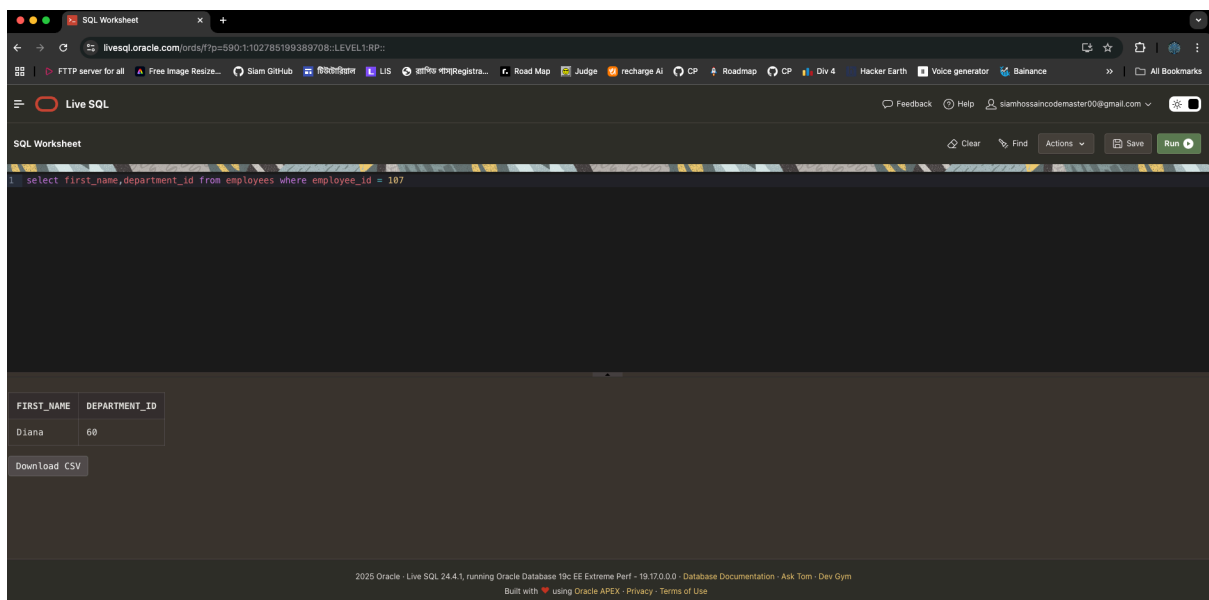
```
select first_name||' '||last_name as Full_Name ,salary from employees where salary >7000
```

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

FULL_NAME	SALARY
Michael Hartstein	13000
Hermann Baer	10000
Shelley Higgins	12000
William Gietz	8300
Steven King	24000
Neena Kochhar	17000

At the bottom of the interface, it states: "2025 Oracle - Live SQL 24.4.1, running Oracle Database 19c EE Extreme Perf - 19.17.0.0.0 - Database Documentation - Ask Tom - Dev Gym. Built with using Oracle APEX - Privacy - Terms of Use".

2. Create a query to display the employees first name and department number for employee number 107.



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

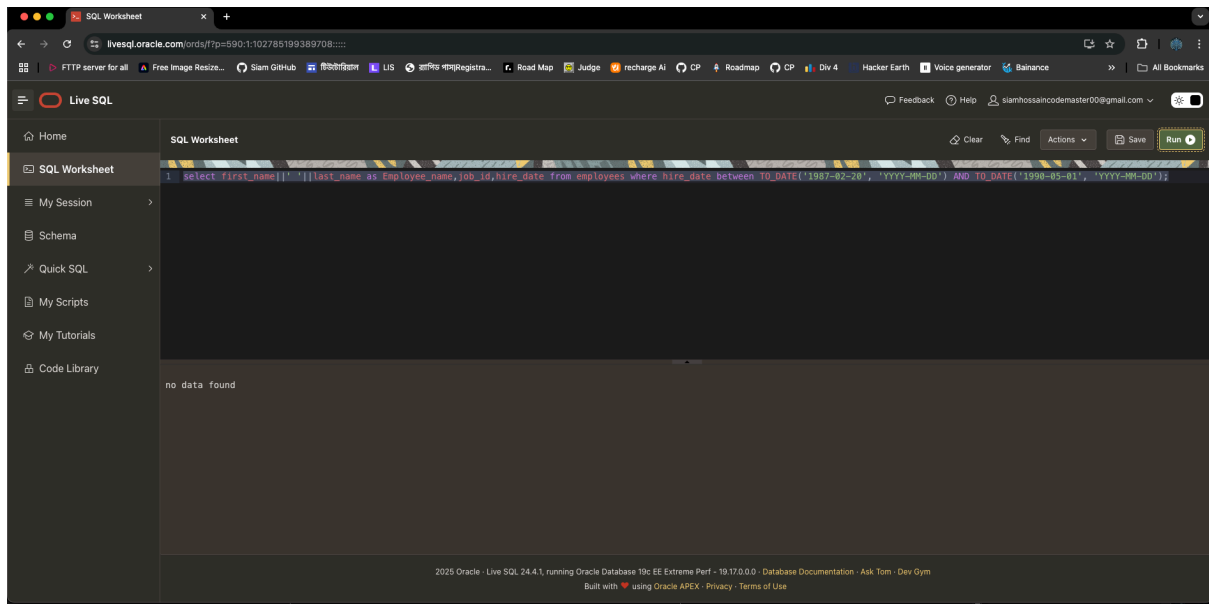
```
select first_name,department_id from employees where employee_id = 107
```

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

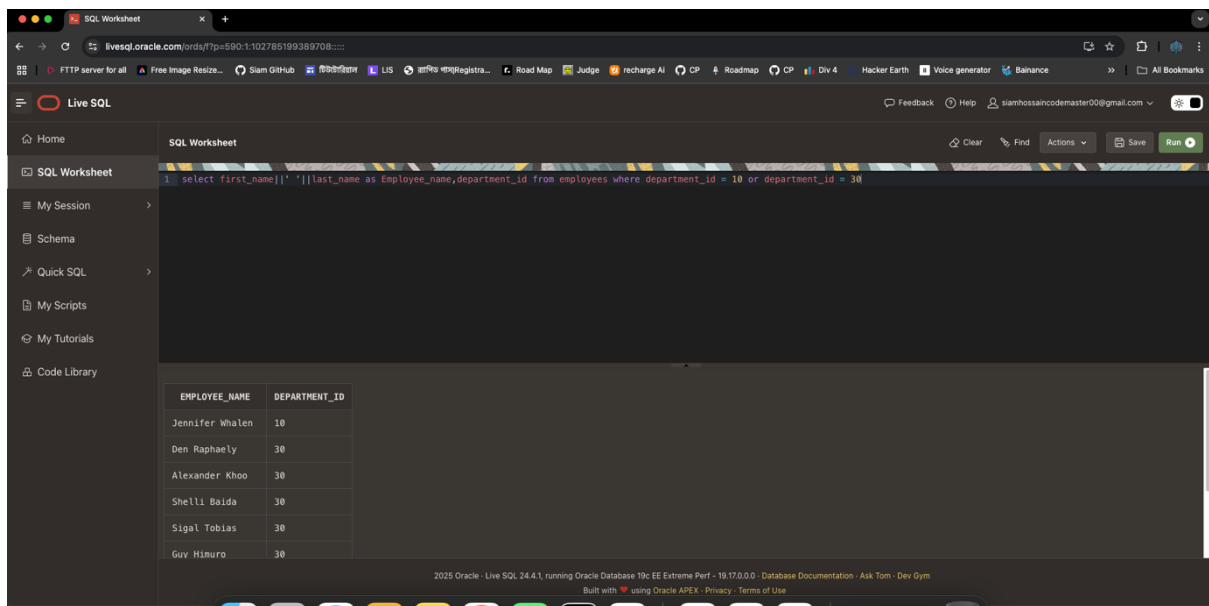
FIRST_NAME	DEPARTMENT_ID
Diana	60

Below the table, there is a "Download CSV" button. At the bottom of the interface, it states: "2025 Oracle - Live SQL 24.4.1, running Oracle Database 19c EE Extreme Perf - 19.17.0.0.0 - Database Documentation - Ask Tom - Dev Gym. Built with using Oracle APEX - Privacy - Terms of Use".

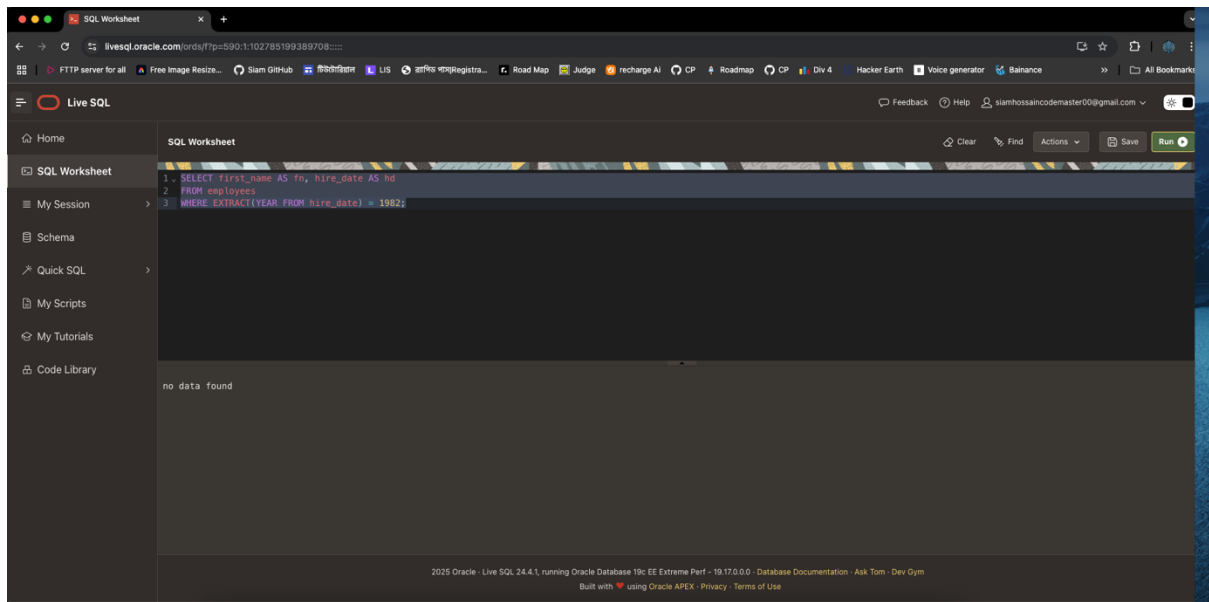
3. 3. Display the employee name, job, and start date of employees hired between February 20, 1987, and May 1, 1990.



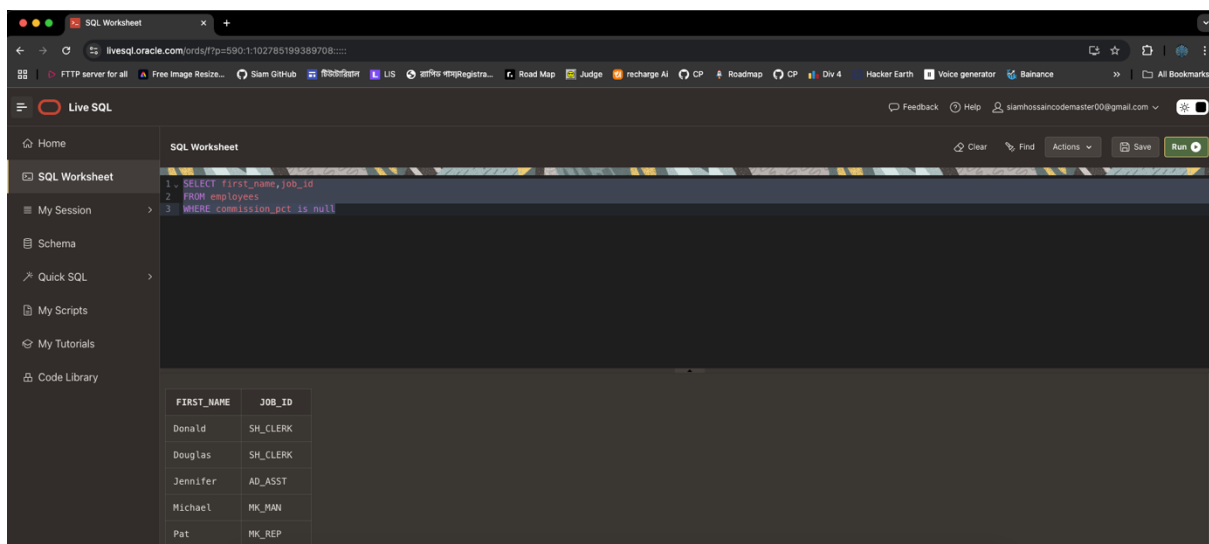
4. Display the employee name and department number of all employees in departments 10 or 30



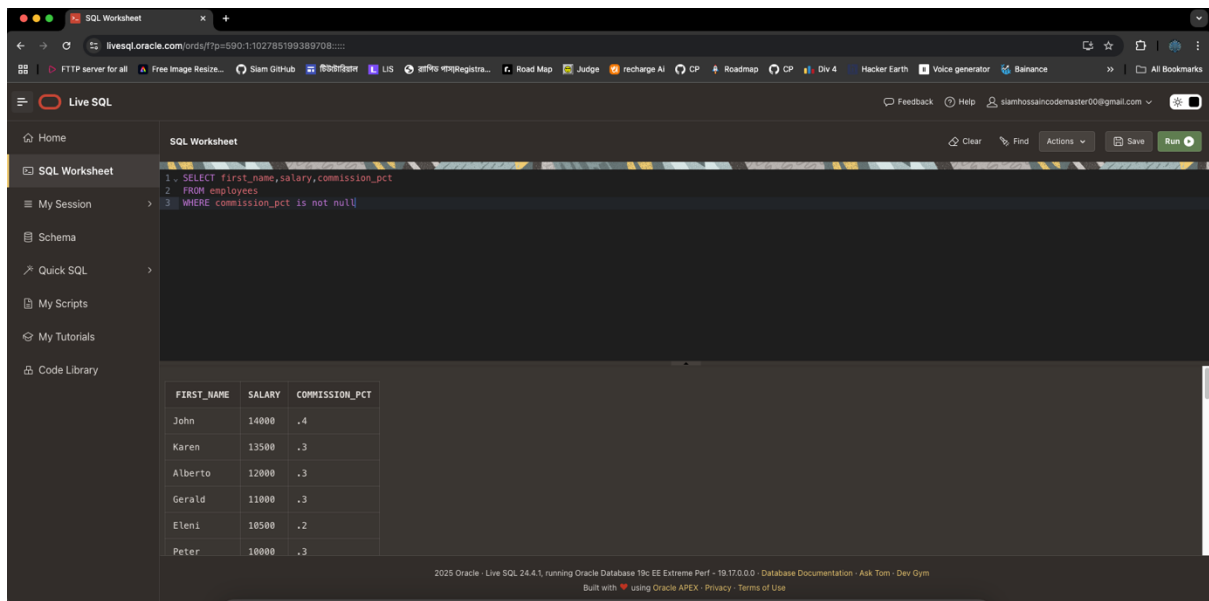
5. Display the first name and hire date of every employee who was hired in 1982.
Rename the column first_name and hire_date as “fn” and “hd”



6. Display the first name and job id of all employees who do not have a commission.



7. Display the first name, salary, and commission for all employees who earn commissions



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

```
1. SELECT first_name, salary, commission_pct
2. FROM employees
3. WHERE commission_pct is not null
```

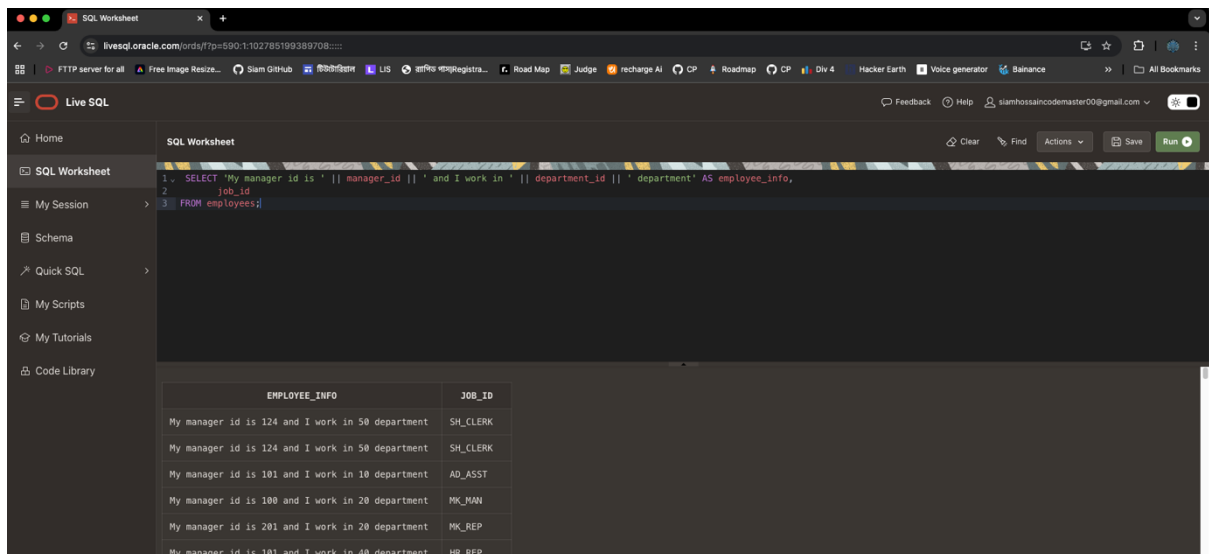
The results are displayed in a table below the query editor:

FIRST_NAME	SALARY	COMMISSION_PCT
John	14000	.4
Karen	13500	.3
Alberto	12000	.3
Gerald	11000	.3
Eleni	10500	.2
Peter	10000	.3

At the bottom of the interface, it states: "2025 Oracle Live SQL 24.4.1, running Oracle Database 19c EE Extreme Perf - 19.17.0.0.0 - Database Documentation - Ask Tom - Dev Gym. Built with using Oracle APEX - Privacy - Terms of Use".

8. Write a query to display the manager id, department number, and job id for all employees and write in the following format:

My manager id is and I work in department



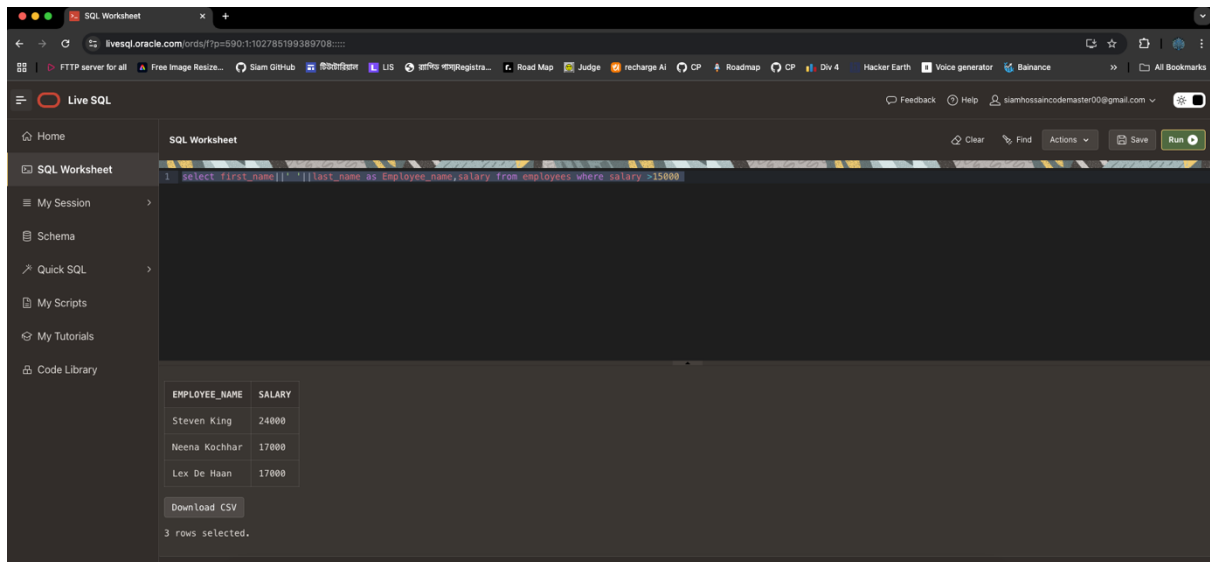
The screenshot shows the Live SQL interface with the following SQL query entered:

```
1. SELECT 'My manager id is ' || manager_id || ' and I work in ' || department_id || ' department' AS employee_info,
2. job_id
3. FROM employees
```

The results are displayed in a table below the query editor:

EMPLOYEE_INFO	JOB_ID
My manager id is 124 and I work in 50 department	SH_CLERK
My manager id is 124 and I work in 50 department	SH_CLERK
My manager id is 101 and I work in 10 department	AD_ASST
My manager id is 100 and I work in 20 department	PM_MAN
My manager id is 201 and I work in 20 department	PM_REP
My manager id is 101 and I work in 40 department	HR_REP

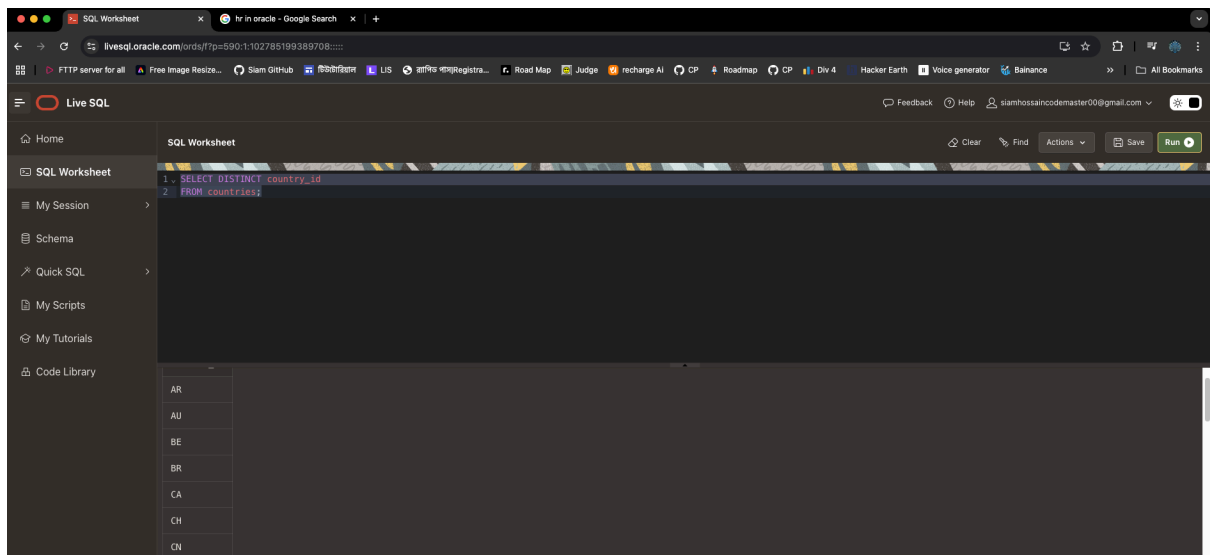
9. Find out the employees first name concatenated last name and salary who earns more than 15000



The screenshot shows the Live SQL web application. The SQL query entered is: `1 select first_name||' '||last_name as Employee_name,salary from employees where salary >15000;`. The results are displayed in a table with two columns: EMPLOYEE_NAME and SALARY. Below the table is a 'Download CSV' button and a message stating '3 rows selected.'.

EMPLOYEE_NAME	SALARY
Steven King	24000
Neena Kochhar	17000
Lex De Haan	17000

10 . Find out the unique country id for all employees



The screenshot shows the Live SQL web application. The SQL query entered is: `1. SELECT DISTINCT country_id
2 FROM countries;`. The results are displayed in a table with one column: country_id. The results are: AR, AU, BE, BR, CA, CH, and CN.

country_id
AR
AU
BE
BR
CA
CH
CN