**Answer Sheet - SQL**

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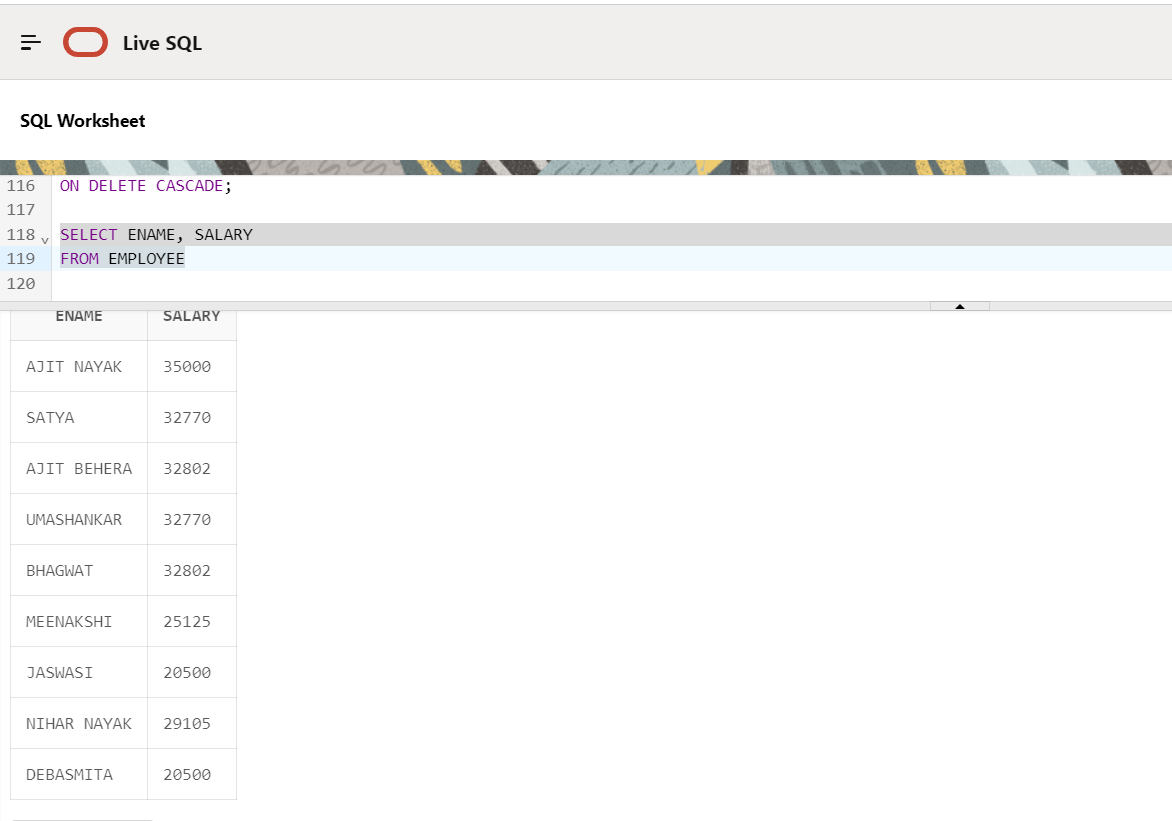
Email : parikshitprajapti2001@gmail.com

**Major Question 1**

1. List the salary of all the employees.

SELECT ENAME, SALARY

FROM EMPLOYEE

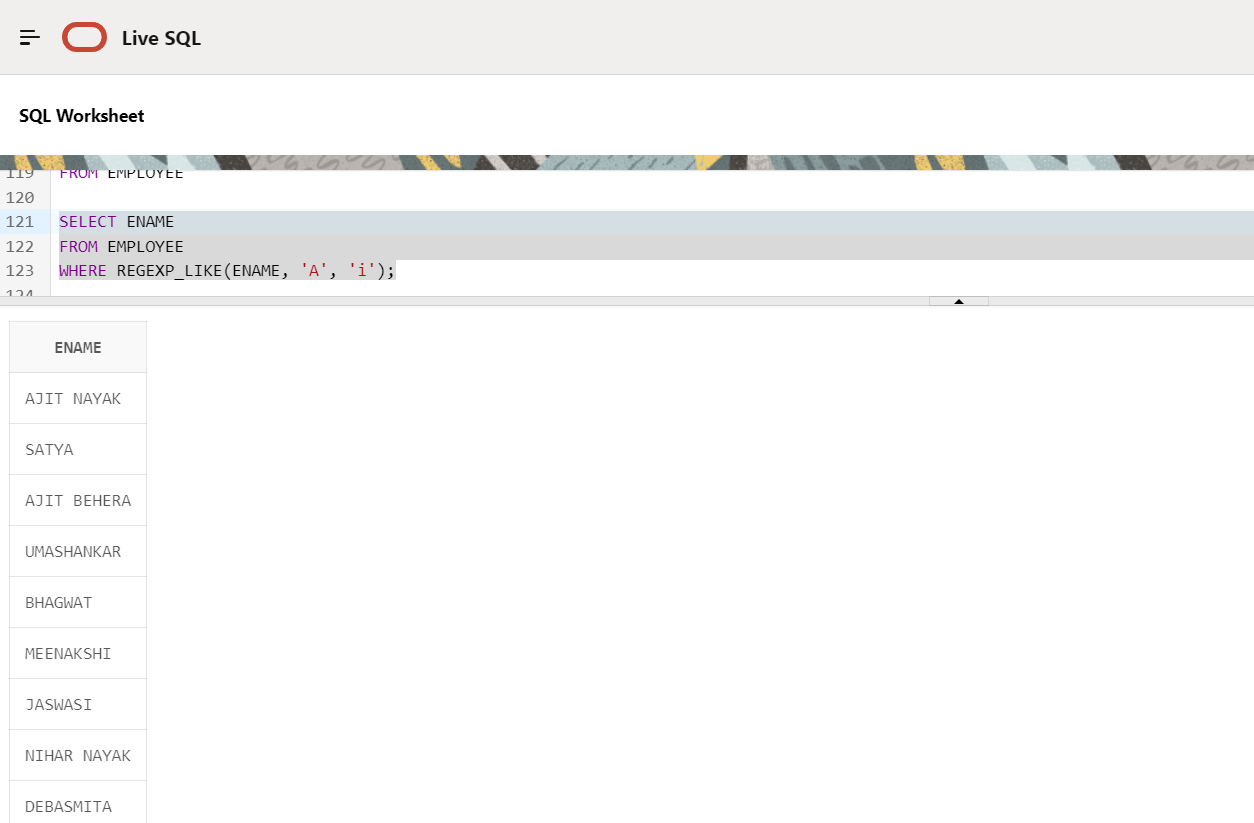
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1. Display the names of all employees with any “A” at any place of the name.

SELECT ENAME

FROM EMPLOYEE

WHERE REGEXP\_LIKE(ENAME, 'A', 'i');

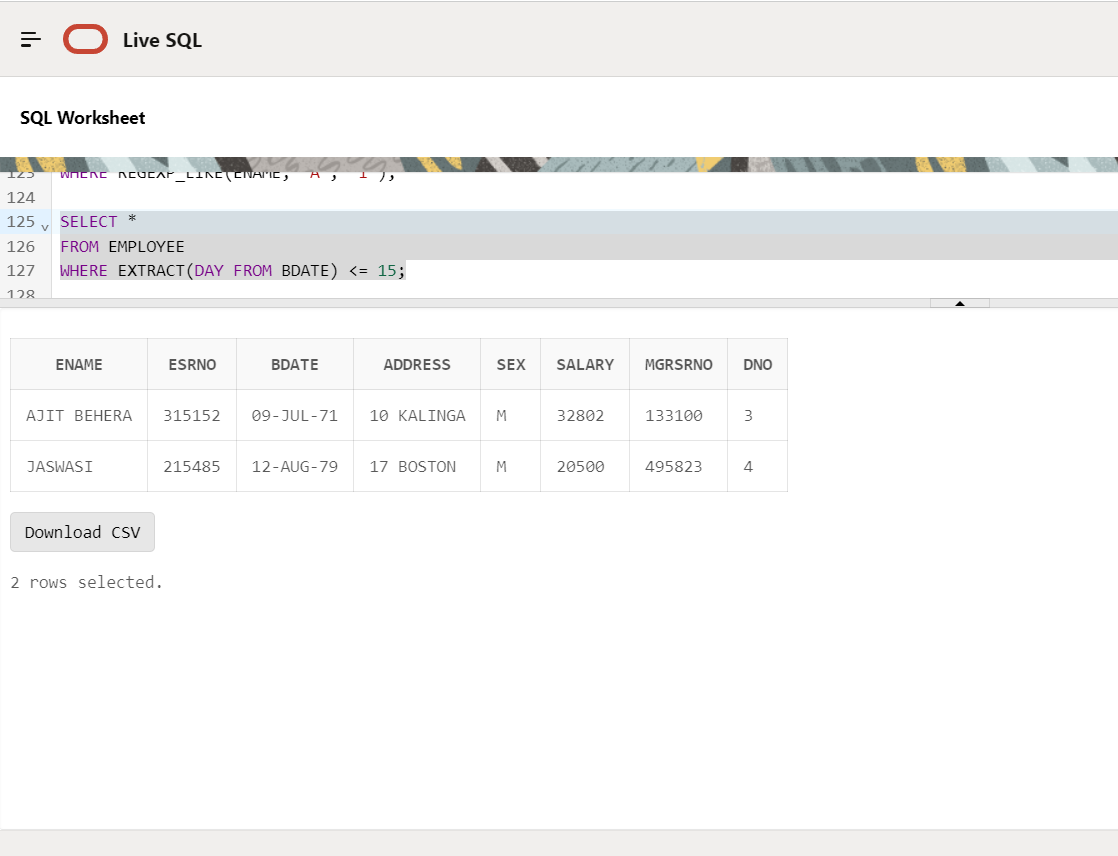
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1. Show all employees who were hired in the first half of the month (Before the 16th of the month).

SELECT \*

FROM EMPLOYEE

WHERE EXTRACT(DAY FROM BDATE) <= 15;

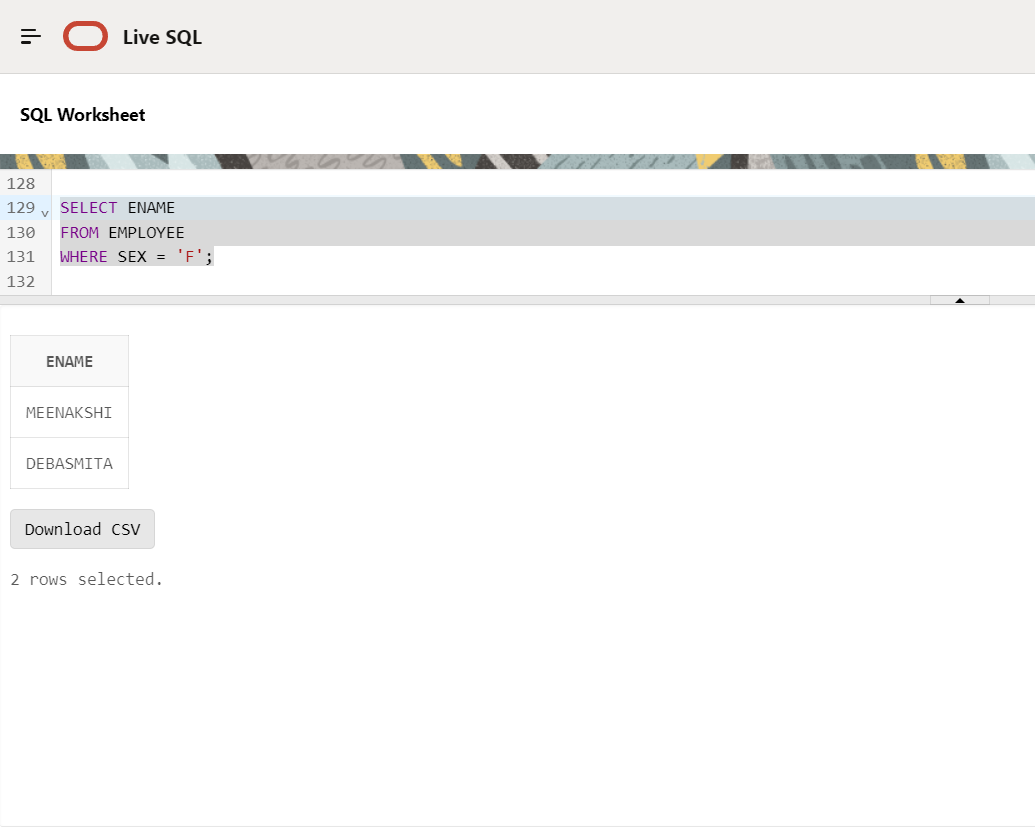
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1. Display the name of all female employees.

SELECT ENAME

FROM EMPLOYEE

WHERE SEX = 'F';

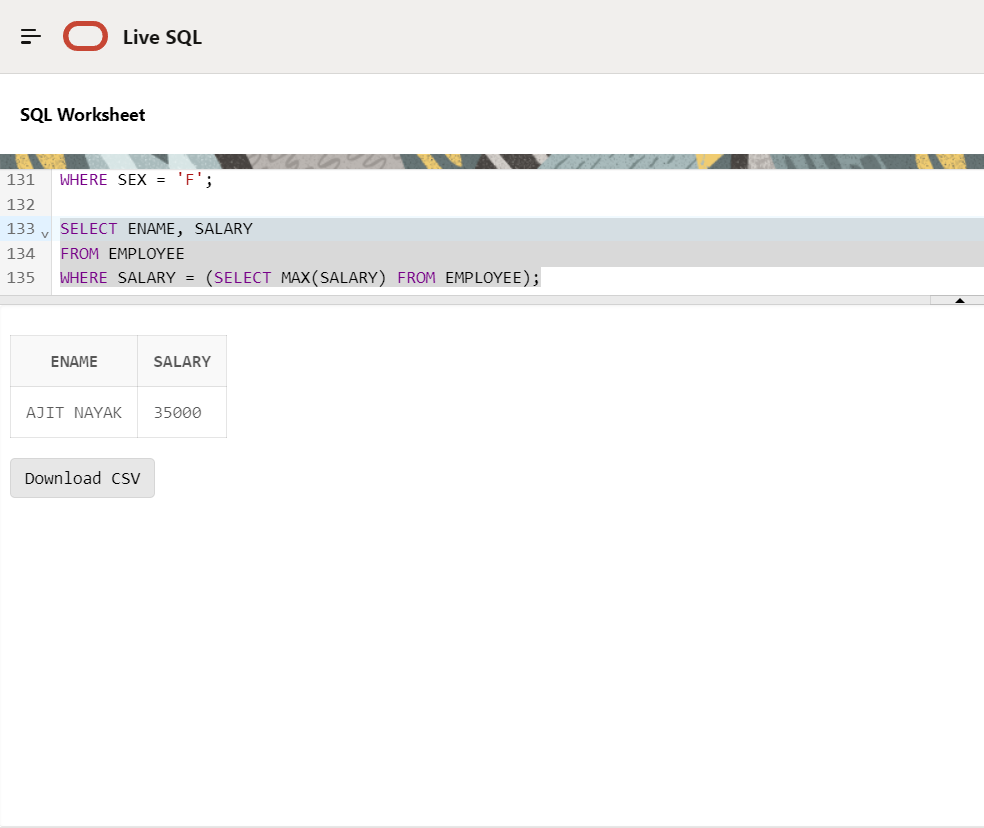
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1. Display the employee who is paid most in the company.

SELECT ENAME, SALARY

FROM EMPLOYEE

WHERE SALARY = (SELECT MAX(SALARY) FROM EMPLOYEE);

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**Major Question 2**

1. Display employee name, address, department no and department name.

SELECT E.ENAME AS "Employee Name",

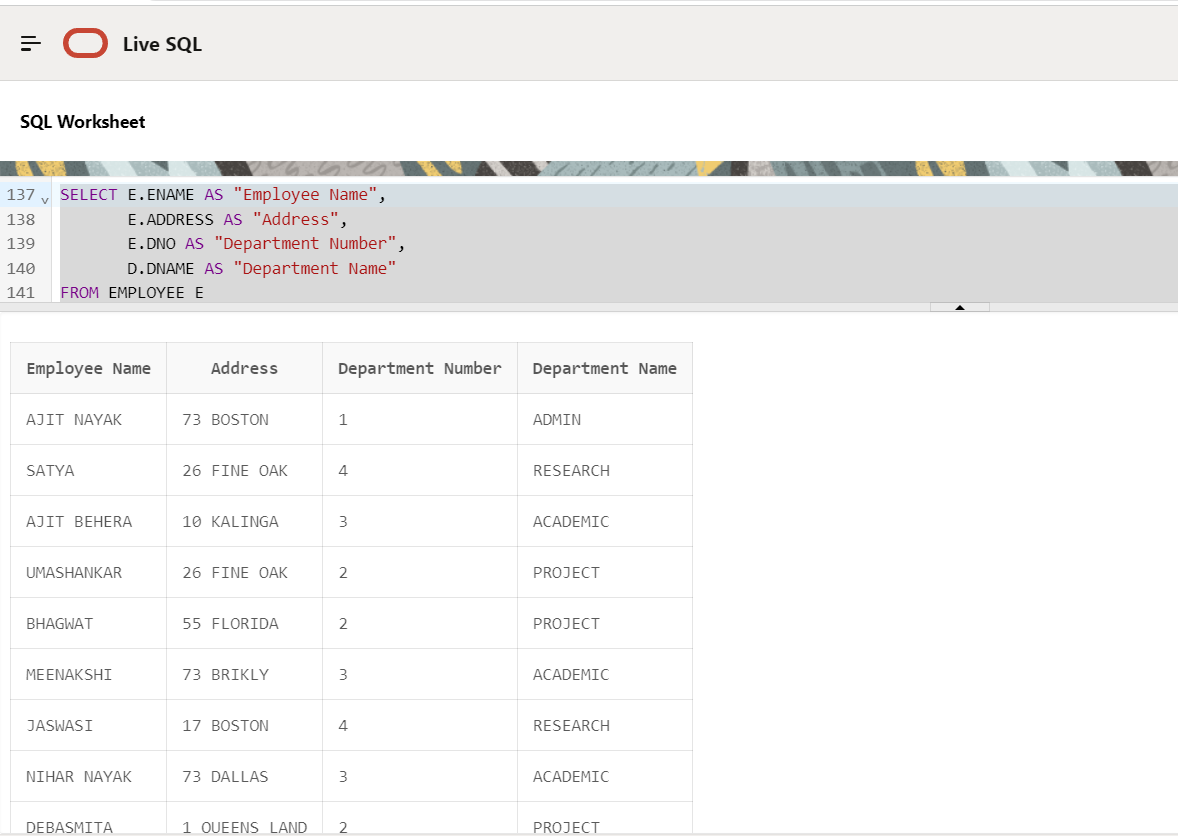
E.ADDRESS AS "Address",

E.DNO AS "Department Number",

D.DNAME AS "Department Name"

FROM EMPLOYEE E

JOIN DEPARTMENT D ON E.DNO = D.DNUMBER;

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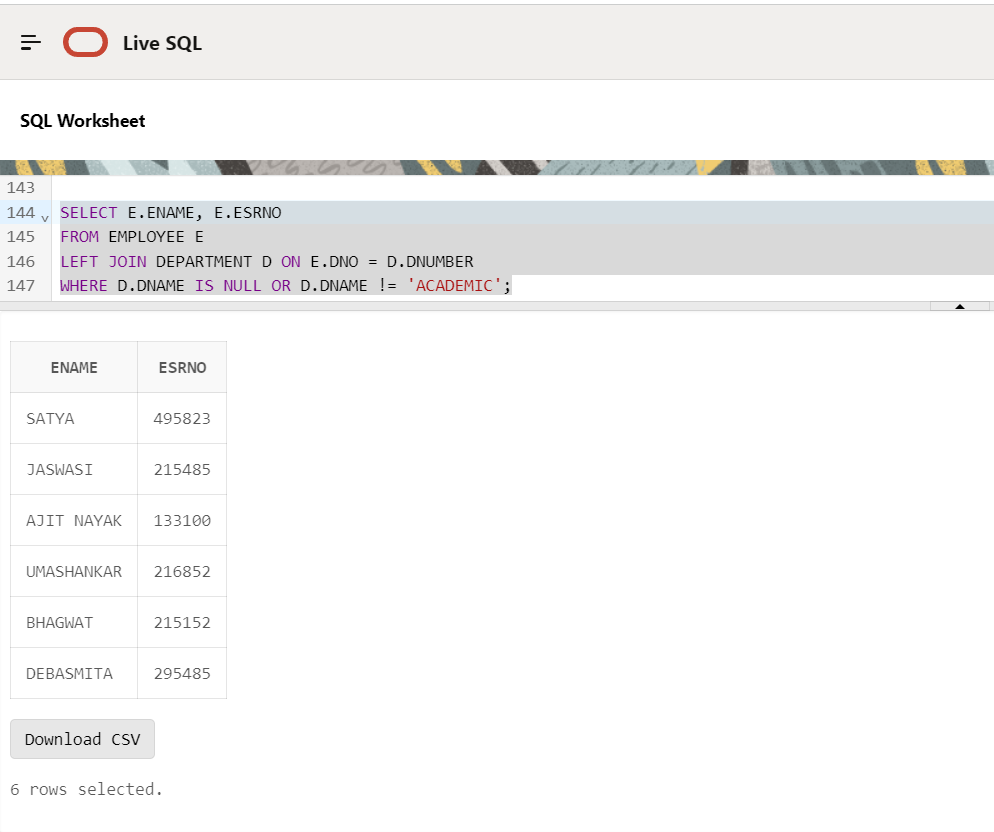
1. Display all the employees who are *not in* ACADEMIC department

SELECT E.ENAME, E.ESRNO

FROM EMPLOYEE E

LEFT JOIN DEPARTMENT D ON E.DNO = D.DNUMBER

WHERE D.DNAME IS NULL OR D.DNAME != 'ACADEMIC';

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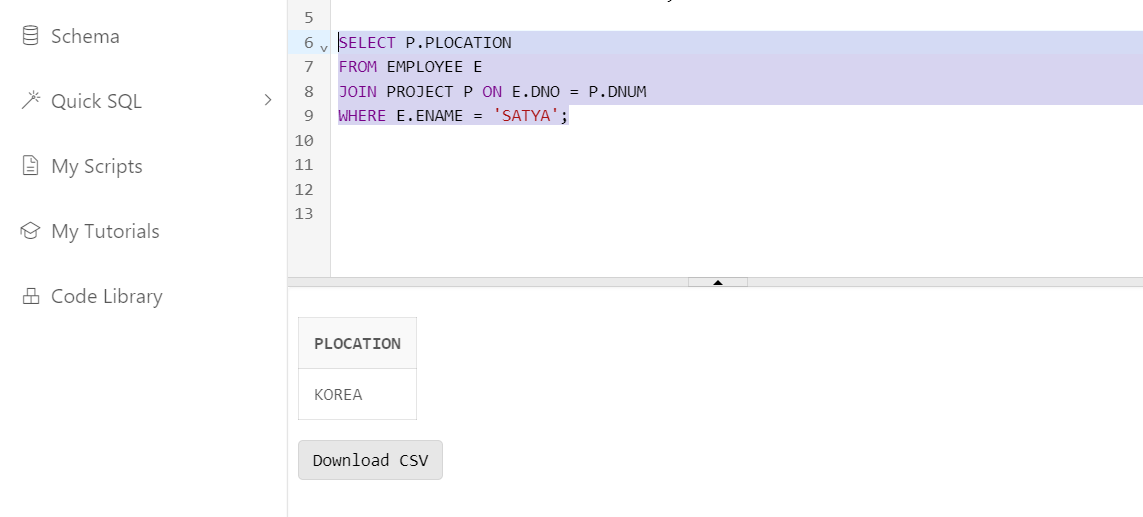
1. Display SATYAS’ project location.

SELECT P.PLOCATION

FROM EMPLOYEE E

JOIN PROJECT P ON E.DNO = P.DNUM

WHERE E.ENAME = 'SATYA';

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1. Find the total working hours of *each* female employee.

SELECT E.ENAME, SUM(W.HOURS) AS TOTAL\_HOURS

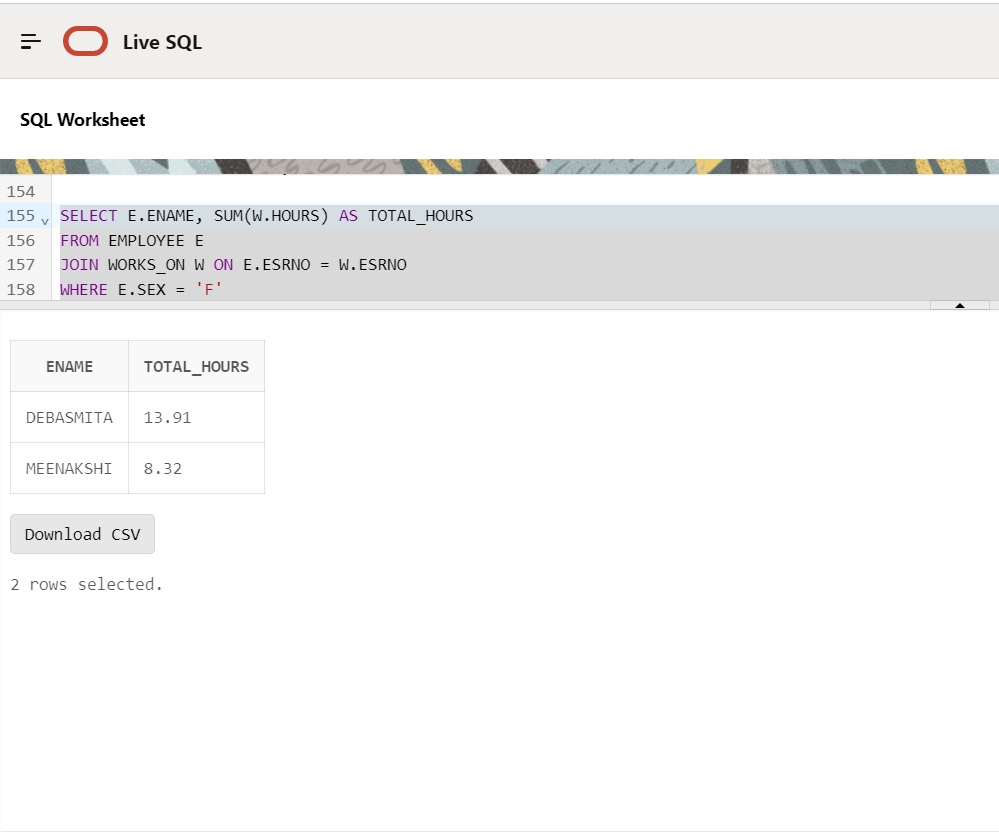
FROM EMPLOYEE E

JOIN WORKS\_ON W ON E.ESRNO = W.ESRNO

WHERE E.SEX = 'F'

GROUP BY E.ENAME

ORDER BY E.ENAME;

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1. Display the details of the people whose projects are located at SOUTH AFRICA.

SELECT E.ENAME, E.ESRNO, P.PNAME, P.PNUMBER, P.PLOCATION

FROM EMPLOYEE E

JOIN PROJECT P ON E.DNO = P.DNUM

WHERE P.PLOCATION = 'SOUTH AFRICA';

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