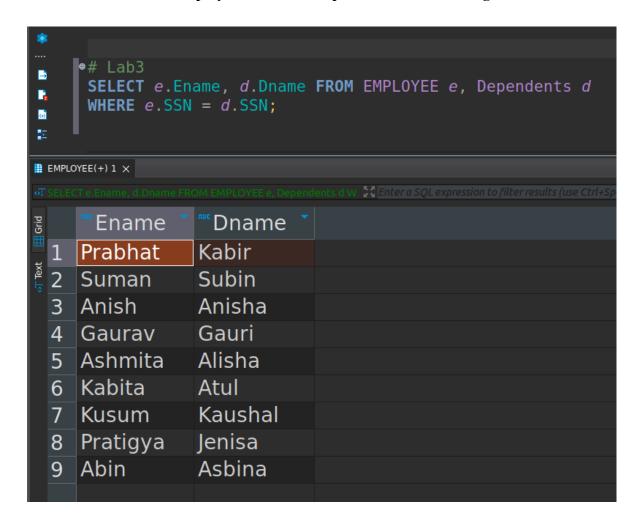
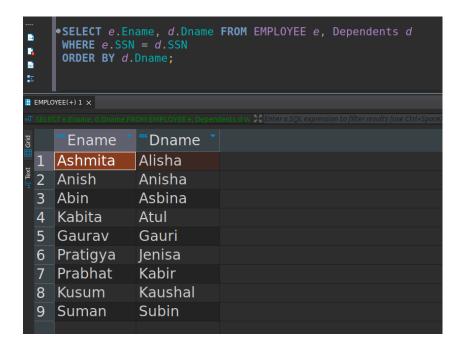
1. Select the names of employees and their dependents without using JOIN.



2. Select the names of employees and their dependents without using INNER JOIN and order the result based on the dependents' names.

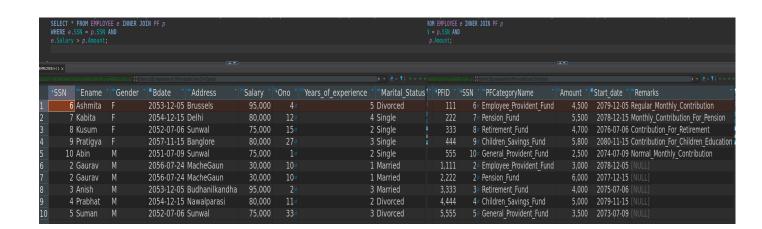


3. Use JOIN between Employee, Project, and Works_on and retrieve the names of employees and the projects on which they work.

```
•SELECT e.Ename, p.Pname FROM EMPLOYEE e JOIN Works on w
ON e.SSN = w.ESSN
     JOIN Project p
G
(x)
     ON w.Pno = p.Pnumber;
EMPLOYEE(+) 1 ×
               Pname
Grid
      Ename
               Abin ProjML
    Abin
    Anish
               Anish ProiPandas
    Ashmita
               Ashmita ProjMDS
 4 Gaurav
               Gaurav ProjPython
   Kabita
               Kabita ProjDBMS
               Kusum ProjPython
 6 Kusum
               Prabhat ProjDBMS
 7 Prabhat
 8 Pratigya
               Pratigya ProjPandas
               Suman ProjML
    Suman
 9
```

4. Use Inner join between Employee and PF table with the join condition, Employee.SSN=PF.SSN and Employee.Salar@sy>PF.Amount

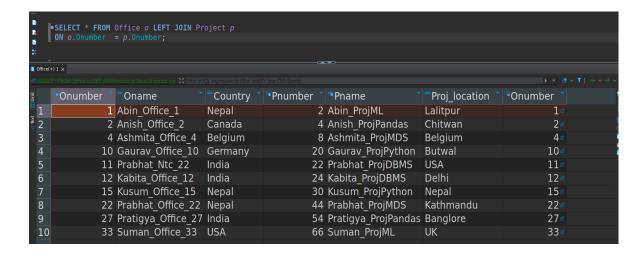
```
SELECT * FROM EMPLOYEE e INNER JOIN PF p
WHERE e.SSN = p.SSN AND
e.Salary > p.Amount;
```



5. Write a query to show the results of Left and Right Join between Office and Project.

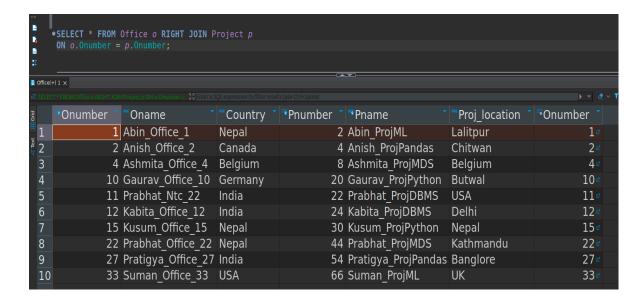
Left Join:

```
SELECT * FROM Office o LEFT JOIN Project p
ON o.Onumber = p.Onumber;
```



Right Join:

```
SELECT * FROM Office o RIGHT JOIN Project p
ON o.Onumber = p.Onumber;
```



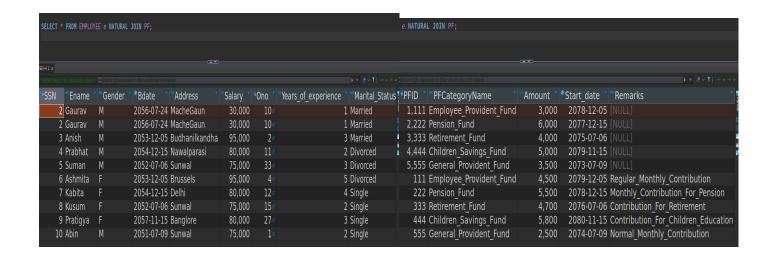
6. Write a query to show the results of Cross Join between Employee and PF tables.

```
SELECT * FROM EMPLOYEE e CROSS JOIN PF p
ON e.SSN = p.SSN;
```



7. Show results of using natural join between Employee and PF.

SELECT * FROM EMPLOYEE e NATURAL JOIN PF;



8. Find the number of employees and status in each status of "Married", "Single", or "Divorced". Use the COUNT function with the GROUP BY clause with status.

9. Find the number of employees and status in each status of "Married" OR "Single". Use the COUNT function with the GROUP BY clause with status and Having clause with status= "Married" OR "Single"

10. Using sub query, select the name and location of projects whose Onumber is in the Onumber of the offices located in countries Nepal and India.

