**LAB\_ATKNT003**

**Using Aggregate Function**

1. Write a query to display the year of Hire date, salary count, Distinct salary count for each hire date from employee table.

Rules:

* Fetch the details only for hire date > 2010 and hire date < 2014.
* Column name of Distinct count of salary should be ‘DistinctCount’, Hire date as ‘Joining’
* Order the table based on Hiredate.

Sample output



Query:

select Year(Hire\_date) as Joining, count(salary) as salary,

count(Distinct(salary)) as Distinctcount from Employees

where Year(Hire\_date) > 2010 and Year(Hire\_date) < 2014

group by year(Hire\_date) order by year(Hire\_date);

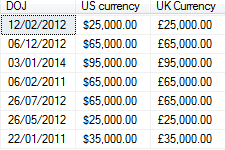
**Format Function**

1. Write a query to format the Hire date and salary on below format in Employee table.

**Rules:**

* The Hire date should be in ‘’dd/MM/yyyy’ format.
* Column name of salary should be ‘US currency’ for Dollar and ‘UK Currency’ for Pound.

**Output:**



**Query:**

Select format(Hire\_date,'dd/MM/yyyy') as DOJ, format(salary,'C','en-US') as 'US currency', Format(salary,'C','en-gb') as 'UK Currency' from Employees

Where Year(Hire\_date) > 2010

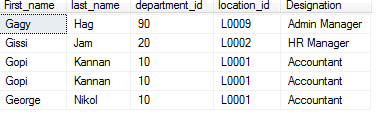
**Using Join**

1. Write a Query to Display the details of employee.

**Rules:**

1. Column name of Job\_title should be ‘Designation’
2. Order the last\_name

**Sample output:**



**Query :**

select e.First\_name,e.last\_name,d.department\_id,l.location\_id,Jobs.job\_title as Designation

from employees e join departments\_tbl d on e.Department\_id=d.Department\_id

join Locations\_Tbl l on l.Location\_Id = d.Location\_Id

join job\_history\_tbl j on j.Employee\_id=e.employee\_id

join Jobs\_Tbl jobs on jobs.Job\_id =j.Job\_id

where first\_name like 'G%'

order by LAST\_NAME

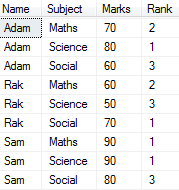
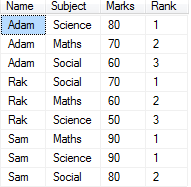
**Using Ranking Concept**

1. Write a query to display the rank for the column marks in the examresult table.

Rules:

1. order the result table by name,subject.

Sample Output:

Using Rank(): Using Dense\_Rank():

Query :

select Name,Subject,Marks,

RANK() over(partition by name order by Marks desc)Rank

From ExamResult

order by name,subject

select Name,Subject,Marks,

DENSE\_RANK() over(partition by name order by Marks desc)Rank

From ExamResult

order by name