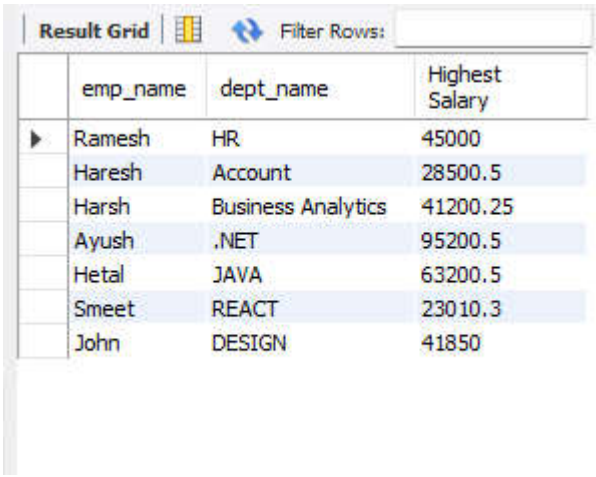
SQL Assignment 3

1. write a SQL query to find Employees who have the biggest salary in their Department

Query :

```
select e.emp_name,d.dept_name,e.salary as 'Highest Salary' from employee e left join department d on d.dept_id=e.dept_id,(select max(salary) as sal, dept_id from employee group by 2) as sq where sq.sal=e.salary and e.dept_id=sq.dept_id;
```



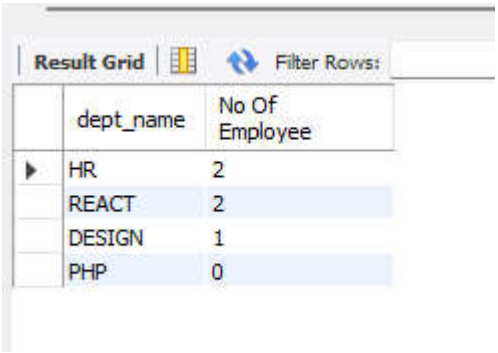
Result Grid | Filter Rows:

emp_name	dept_name	Highest Salary
Ramesh	HR	45000
Haresh	Account	28500.5
Harsh	Business Analytics	41200.25
Ayush	.NET	95200.5
Hetal	JAVA	63200.5
Smeet	REACT	23010.3
John	DESIGN	41850

2. write a SQL query to find Departments that have less than 3 people in it.

Query :

```
select d.dept_name,count(emp_id) as 'No Of Employee' from employee as e right
join department as d on d.dept_id=e.dept_id group by d.dept_name having
count(emp_id)<3;
```

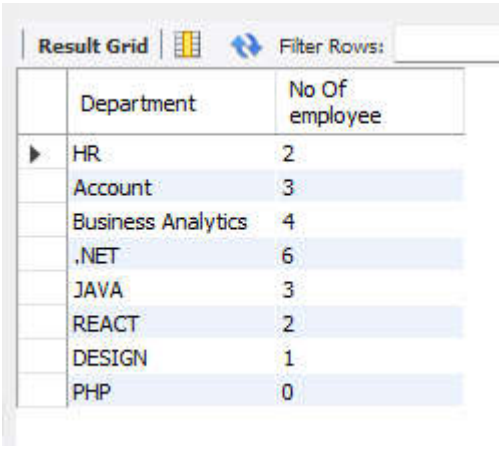


dept_name	No Of Employee
HR	2
REACT	2
DESIGN	1
PHP	0

3. write a SQL query to find All Department along with the number of people there

Query :

```
select d.dept_name as 'Department',count(emp_id) as 'No Of employee' from
employee as e right join department as d on d.dept_id=e.dept_id group by 1;
```



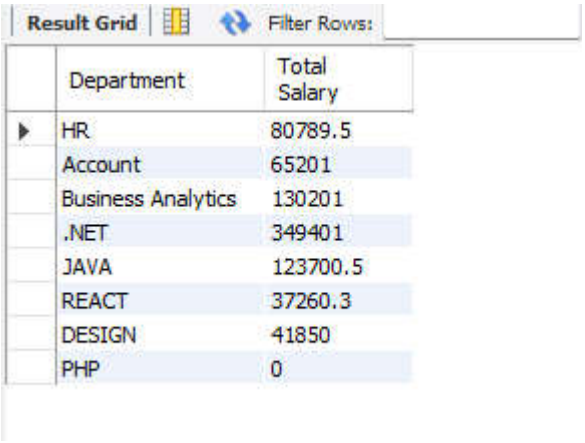
Result Grid | Filter Rows:

Department	No Of employee
HR	2
Account	3
Business Analytics	4
.NET	6
JAVA	3
REACT	2
DESIGN	1
PHP	0

4. write a SQL query to find All Department along with the total salary there

Query :

```
select d.dept_name as 'Department',case when sum(e.salary) is null then '0' else
sum(e.salary) End as'Total Salary' from employee as e right join department as d o
d.dept_id=e.dept_id group by 1;
```



Result Grid | Filter Rows:

Department	Total Salary
HR	80789.5
Account	65201
Business Analytics	130201
.NET	349401
JAVA	123700.5
REACT	37260.3
DESIGN	41850
PHP	0