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Date : 26.09.2023

SQL Assignment

Consider the Employee data below.

Employee

EmpID	Name	Salary	DeptNo	JobID
100	John	23000	10	IT Programmer
200	Johny	33000	10	IT Programmer
300	Johns	13000	20	Sales Rep
400	Johnson	22000	30	Clerk
500	Johncy	11000	20	Sales Rep
700	Johncena	25000	30	Clerk
600	John Smith	12000	20	Sales Rep

Create & Use Database:

```
create database GayathriKuppusamy;  
use GayathriKuppusamy;
```

Output:

Output			
Action Output			
#	Time	Action	Message
1	10:20:46	create database GayathriKuppusamy	1 row(s) affected
2	10:21:25	use GayathriKuppusamy	0 row(s) affected

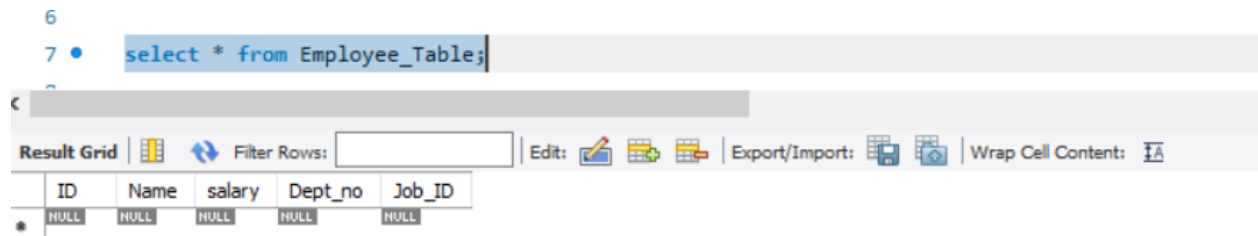
Q)Write a SQL query to create a table to store the Employee data

Create Table:

```
create table Employee_Table(ID number(3) PRIMARY KEY, Name varchar(50), salary  
number(5), Dept_no number(2),Job_ID varchar(20));
```

Employee_Table

ID	Name	salary	Dept_no	Job_ID
empty				



Q)Write a SQL query to insert the data into Employee table

Insert Values:

insert into Employee_Table values(100,'John',23000,10,'IT Programmer');

insert into Employee_Table values(200,'Johny',33000,10,'IT Programmer');

insert into Employee_Table values(300,'Johns',13000,20,'Sales Rep');

insert into Employee_Table values(400,'Johnson',22000,30,'Clerk');

insert into Employee_Table values(500,'Johncy',11000,20,'Sales Rep');

insert into Employee_Table values(700,'Johncena',25000,30,'Clerk');

insert into Employee_Table values(600,'John Smith',12000,20,'Sales Rep');

Employee_Table

ID	Name	salary	Dept_no	Job_ID
100	John	23000	10	IT Programmer
200	Johny	33000	10	IT Programmer
300	Johns	13000	20	Sales Rep
400	Johnson	22000	30	Clerk
500	Johncy	11000	20	Sales Rep
700	Johncena	25000	30	Clerk
600	John Smith	12000	20	Sales Rep

select * from Employee_Table;

ID	Name	salary	Dept_no	Job_ID
100	John	23000	10	IT Programmer
200	Johny	33000	10	IT Programmer
300	Johns	13000	20	Sales Rep
400	Johnson	22000	30	Clerk
500	Johncy	11000	20	Sales Rep
700	Johncena	25000	30	Clerk
600	John Smith	12000	20	Sales Rep

Q)Write a SQL query to increment the Salary by 1000 for the Employees of Department 20

Before Update:

select * from Employee_Table where Dept_no = 20;

ID	Name	salary	Dept_no	Job_ID
300	Johns	13000	20	Sales Rep
500	Johncy	11000	20	Sales Rep
600	John Smith	12000	20	Sales Rep

Update:

update Employee_Table set salary = (salary + 1000) where Dept_no =20;

After Update:

select * from Employee_Table where Dept_no = 20;

ID	Name	salary	Dept_no	Job_ID
300	Johns	14000	20	Sales Rep
500	Johncy	12000	20	Sales Rep
600	John Smith	13000	20	Sales Rep

Q)Write a SQL query for displaying the Employee who earn Salary above 20000

select * from Employee_Table where salary>20000;

ID	Name	salary	Dept_no	Job_ID
100	John	23000	10	IT Programmer
200	Johny	33000	10	IT Programmer
400	Johnson	22000	30	Clerk
700	Johncena	25000	30	Clerk

Q)Write a SQL query to the Employee count based on their Job ID

Select Job_ID, count(*) AS EmployeeCount FROM Employee_Table GROUP BY Job_ID;

Job_ID	EmployeeCount
Clerk	2
IT Programmer	2
Sales Rep	3