SQL PRACTICAL ASSIGNMENT - 1

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

Q1)Write a SQL query to create a table to store the Employee data

CREATE TABLE Employee(EmpId integer, EmpName varchar(50),EmpSalary integer,DeptNo integer, Jobid varchar(50));

Syntax:

```
CREATE TABLE table_name(
   column_name1 data_type [NULL|NOT NULL],
   column_name2 data_type [NULL|NOT NULL],
   ...
);
```

Q2)Write a SQL query to insert the data into Employee table

Syntax:

```
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,'John Cena',25000,30,'Clerk');
insert into Employee_Table values(600,'John Smith',12000,20,'Sales Rep');
```

Employee_Table

Empid	Empname	Empsalary	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	John Cena	25000	30	Clerk
600	John Smith	12000	20	Sales Rep

Syntax:

Select * from employee

Output

Empid	Empname	Empsalary	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	John Cena	25000	30	Clerk
600	John Smith	12000	20	Sales Rep

Q3)Write a SQL query to increment the Salary by 1000 for the Employees of Department 20

Syntax:

update Employee_Table set Empsalary = (Empsalary + 1000) where DeptNo =20;

Employee_Table

Empid	Empname	Empsalary	DeptNo	Jobid
100	John	23000	10	IT Programmer
200	Johny	33000	10	IT Programmer
300	Johns	14000	20	Sales Rep
400	Johnson	22000	30	Clerk
500	Johncy	12000	20	Sales Rep
700	John Cena	25000	30	Clerk
600	John Smith	13000	20	Sales Rep

Q4)Write a SQL query for displaying the Employee who earns Salary above 20000.

Syntax:

Select *from Employee_Table Where Empsalary>=20000

Empid	Empname	Empsalary	DeptNo	Jobid
100	John	23000	10	IT Programmer
200	Johny	33000	10	IT Programmer
400	Johnson	22000	30	Clerk
700	John Cena	25000	30	Clerk

Q5)Write a SQL query to the Employee count based on their Job ID

Syntax:

SELECT Empid, COUNT(*) AS EmployeeCount FROM Employee_Table GROUP BY Empid;

Output

Empid	EmployeeCount
100	1
200	1
300	1
400	1
500	1
600	1
700	1

Q6)Create a PL/SQL procedure to update an Employee record for the Salary of an Employee using Employee ID

Syntax:

Q7)Create a PL/SQL to delete an Employee record based on Employee ID

Syntax: