Java Assignment

1]Create Database: Use to create database.

Syntax: create database database name;

create database Employee;

2]Create Table: Use to create table in database.

Syntax: create table table name (column 1 datatype, column 2 datatype);

create table EmpInfo (Id int not null, primary key, Name varchar(255), Date of Birth int, Salary int, Designation varchar(255), Joining Date int, Exit Date int, Manager Name varchar(255), Manager Designation varchar(255));

3]Insert: Use to insert new record in a table.

Syntax: insert into table name (column 1, column 2) values (value 1, value 2);

a)insert into EmpInfo (Id, Name, Date of Birth, Salary, Designation, Joining Date, Exit Date) values (1,”Rajat Varma”, 21/5/1995, 35000, “Software Developer”, 15/9/2019, 1/72021);

b) insert into EmpInfo (Id, Name, Date of Birth, Salary, Designation, Joining Date, Exit Date) values (2,”Neha Salavi”, 12/3/1997, 30000, “Software Tester”, 1/10/2019, 1/8/2021);

4]Insert: a) insert into EmpInfo (Manager Name varchar(255), Manager Designation varchar(255)) values (“Nitin Pandit”, “Manager”) where Id=1;

b) insert into EmpInfo (Manager Name varchar(255), Manager Designation varchar(255)) values (“Nikhl Pandit”, “Manager”) where Id=2;

5]Update: Use to modify existing record in a table.

Syntax: update table name set column 1=value 1, column 2=value 2 where condition;

update EmpInfo set Date of Birth=20/4/1995 where Id=1;

6]Delete: Use to delete specific record in a table.

Syntax: delete from table name where condition;

delete from EmpInfo where Name=”Rajat Verma”;

7]Select: Use to view all records in a table.

Syntax: select \* from table name;

select \* from EmpInfo;

8]To view particular data in a table:

Syntax: select column 1, column 2 from table name where condition:

select Name, Date of Birth from EmpInfo where Id=1;

9]Truncate: Use to delete all records in a table, but not delete structure of a table.

Syntax: truncate table table name;

truncate table EmpInfo;

10]Drop: Use to delete both record and structure of a table.

Syntax: drop table table name;

drop table EmpInfo;