TUTORIAL 1 (DBMS)

U20CS110
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(1) Create the table EmployeeDetails and EmplyoeeSalary (as shown above).

```
-> CREATE TABLE EmployeeDetails (
        Empid int,
        FullName varchar(200),
        ManagerId int,
        DateOfJoining date, City
        varchar(50)
);

CREATE TABLE EmployeeSalary ( Empid
        int,
        Project varchar(200), Salary
        int,
        Varibale int,
);
```

(2) To insert the values in the both the tables.

```
-> INSERT INTO EmployeeDetails
          VALUES ('121','John Snow','321','01/31/2014','Toronto');

  INSERT INTO EmployeeDetails
        VALUES ('321','WalterWhite','986','01/30/2015','California');

  INSERT INTO EmployeeDetails
  VALUES
('421','Kuldeep Ran','876','11/27/2016','New Delhi'); INSERT INTO

  EmployeeDetails
```

```
  VALUES (‘111’,’Ajay Sign’,’123’,’01/26/2016’,’Nodia’);

-> INSERT INTO EmployeeSalary
    VALUES  (‘121’,’P1’,’8000’,’500’);


INSERT INTO EmployeeSalary
VALUES  (‘321’,’P2’,’10000’,’1000’);

INSERT INTO EmployeeSalary
VALUES (‘421’,’P3’,’12000’,’00’);
```

(3).Display all the information from the EmplyeeDetails.

```
-> SELECT * FROM EmployeeDetails;
```

(4).Write an SQL query to fetch the EmpId and FullName of all the employees with id - ‘986’.

```
-> SELECT EmpId,FullName
    FROM EmployeeDetails
    WHERE ManagerId = ‘986’;
```

(5).Write an SQL query to fetch all the different projects from EmployeeSalary table.

```
-> SELECT Projects FROM EmployeeSalary;
```

(6).Write an SQL query to fetch all the different projects from EmployeeSalary table.

```
-> SELECT DISTINCT Projects FROM EmployeeSalary;
```

(7).Write an SQL query to fetch the EmpId whose salary lies between 9000 and 15000.

```
-> SELECT EmpId FROM EmployeeSalary
    WHERE Salary BETWEEN 9000 AND 15000;
```

(8).Write an SQL query to fetch all employees lives in Toronto with id - '321'.

```
-> SELECT * FROM EmployeeDetails
    WHERE City = 'Toronto' AND ManagerId = '321'.
```

(9).Write and SQL query to fetch all those employees who work on project other then p1.

```
-> SELECT * FROM EmployeeDetails
    WHERE NOT Project = 'P1';
```

(10).Write an SQL query to fetch top n records.

```
-> SELECT TOP 2 * FROM EmployeeDetails;
    OR
    SELECT TOP 2 * FROM EmployeeSalary;
```

(11).Write an SQL query to fetch all the employees details form the employeedetails table who joined in 2020.

```
-> SELECT * FROM EmployeeDetails
    WHERE DateOfJoining BETWEEN '01/01/2020' AND
'12/01/2020';
```

(12).Fetch all the employees who are not working on any project.

```
-> SELECT * FROM EmployeeSalary
    WHERE Project IS NULL;
```