# TUTORIAL 1 (DBMS)

# U20CS110

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# 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,

);

# 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;