**SQL TASK 5**

CREATE TABLE Trainees (

TRAINEE\_ID INT NOT NULL PRIMARY KEY,

FIRST\_NAME CHAR(25),

LAST\_NAME CHAR(25),

SALARY INT,

JOINING\_DATE DATETIME,

DEPARTMENT CHAR(25)

);

INSERT INTO Trainees

(TRAINEE\_ID, FIRST\_NAME, LAST\_NAME, SALARY,

JOINING\_DATE, DEPARTMENT) VALUES

(002, 'Niharika', 'Verma', 80000, '2023-03-20', 'Admin'),

(003, 'Vishal', 'Singhal', 300000, '2023-03-20', 'HR'),

(004, 'Amitabh', 'Singh', 500000, '2023-03-20', 'Admin'),

(005, 'Vivek', 'Bhati', 500000, '2023-03-20', 'Admin'),

(006, 'Vipul', 'Diwan', 200000, '2023-03-20', 'Account'),

(007, 'Satish', 'Kumar', 75000, '2023-03-20', 'Account'),

(008, 'Geetika', 'Chauhan', 90000, '2023-03-20', 'Admin');

1. Write an SQL query to get the count of employees in each department.
2. Write an SQL query to calculate the estimated induction program day for the trainees from 5 days from JOINING\_DATE.
3. Write an SQL query to retrieve the month in words from the Trainees table - JOINING\_DATE Column.
4. Write an SQL query to perform the total and subtotal of salary in each department.
5. Write an SQL query to retrieve first 3 records randomly.
6. Show the working of composite key with any example.
7. Show the working of IIF and CASE for the above table.
8. Show the working of Sequence.
9. Show the working of creation of Synonym for a table in DB1 from DB2.
10. Show the working of IDENTITY\_INSERT.