

# ASSIGNMENT 1

1. Create a Database by the name Company. Then Create a Table 'Departments' with column names Dept\_ID(PK, smallint), Dept\_Name(nchar(10), not null). Dept\_ID is Primary Key ID and should start with 1 and it's an auto incremented field.

```
create database Company;
CREATE TABLE Departments(

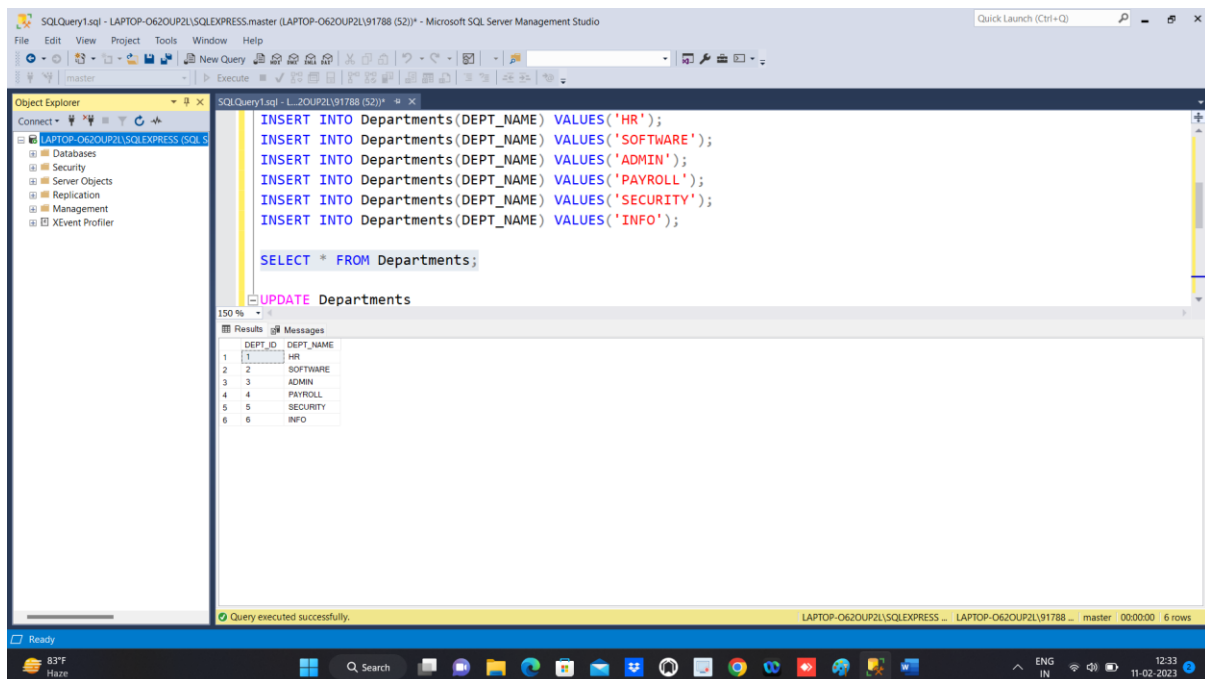
    DEPT_ID int IDENTITY(1,1) PRIMARY KEY,

    DEPT_NAME varchar(10) NOT NULL

);
```

2. Insert 6 Records in Departments Table with Department Names HR,Software,Admin,Payroll,Security,Info.

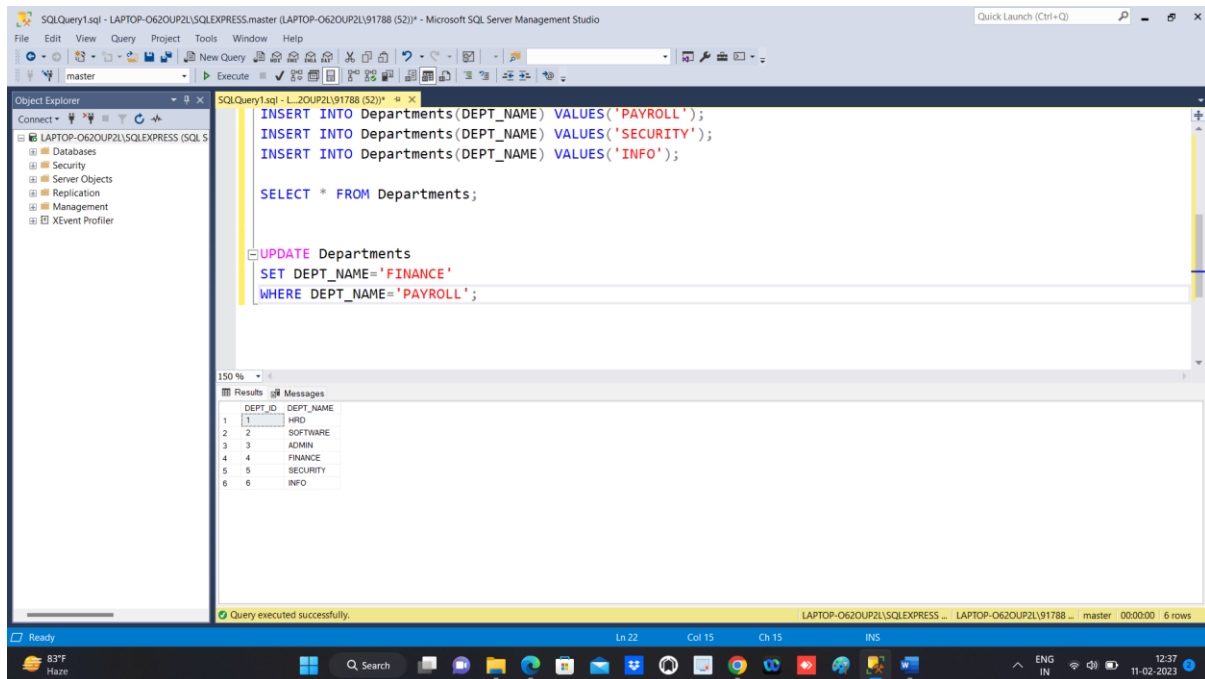
```
INSERT INTO Departments(DEPT_NAME) VALUES('HR');
INSERT INTO Departments(DEPT_NAME) VALUES('SOFTWARE');
INSERT INTO Departments(DEPT_NAME) VALUES('ADMIN');
INSERT INTO Departments(DEPT_NAME) VALUES('PAYROLL');
INSERT INTO Departments(DEPT_NAME) VALUES('SECURITY');
INSERT INTO Departments(DEPT_NAME) VALUES('INFO');
```



3. Company decides to change the department name from HR to HRD and Payroll to Finance. So, change the name accordingly using update query.

```
UPDATE Departments
SET DEPT_NAME='HRD'
WHERE DEPT_NAME='HR'
```

```
UPDATE Departments
SET DEPT_NAME='FINANCE'
WHERE DEPT_NAME='PAYROLL';
```



4. Create a Table by the name Branches with columns BID(PK,smallint), Branch\_Name(nchar(20)) and Insert 4 Records with Branch Names 'Mumbai', 'Delhi', 'Chennai', 'Kolkata'.

```
CREATE TABLE BRANCHES(

    BID int PRIMARY KEY,

    BRACH_NAME nchar(10)

);

INSERT INTO BRANCHES(BID,BRACH_NAME) VALUES(1, 'MUMBAI');
INSERT INTO BRANCHES(BID,BRACH_NAME) VALUES(2, 'DELHI');
INSERT INTO BRANCHES(BID,BRACH_NAME) VALUES(3, 'CHENNAI');
INSERT INTO BRANCHES(BID,BRACH_NAME) VALUES(4, 'KOLKATA');

SELECT * FROM BRANCHES;
```

SQLQuery1.sql - LAPTOP-0620UP2L\SQLEXPRESS:master (LAPTOP-0620UP2L\91788 (52)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

master

Object Explorer

- Connect
- LAPTOP-0620UP2L\SQLEXPRESS (SQL S
  - Databases
  - Security
  - Server Objects
  - Replication
  - Management
  - XEvent Profiler

SQLQuery1.sql - L-20UP2L\91788 (52)

```
CREATE TABLE BRANCHES(  
    BID int PRIMARY KEY,  
    BRACH_NAME nchar(10)  
);  
INSERT INTO BRANCHES (BID,BRACH_NAME) VALUES(1,'MUMBAI');  
INSERT INTO BRANCHES (BID,BRACH_NAME) VALUES(2,'DELHI');  
INSERT INTO BRANCHES (BID,BRACH_NAME) VALUES(3,'CHENNAI');  
INSERT INTO BRANCHES (BID,BRACH_NAME) VALUES(4,'KOLKATA');  
  
SELECT * FROM BRANCHES;
```

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Results Messages

	BID	BRACH_NAME
1	1	MUMBAI
2	2	DELHI
3	3	CHENNAI
4	4	KOLKATA

Query executed successfully.

LAPTOP-0620UP2L\SQLEXPRESS - LAPTOP-0620UP2L\91788 - master 00:00:00 4 rows

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