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.

```sql
create database  Company;
CREATE TABLE Departments(

    DEPT_ID int IDENTITY(1,1) PRIMARY KEY,

    DEPT_NAME varchar(10) NOT NULL

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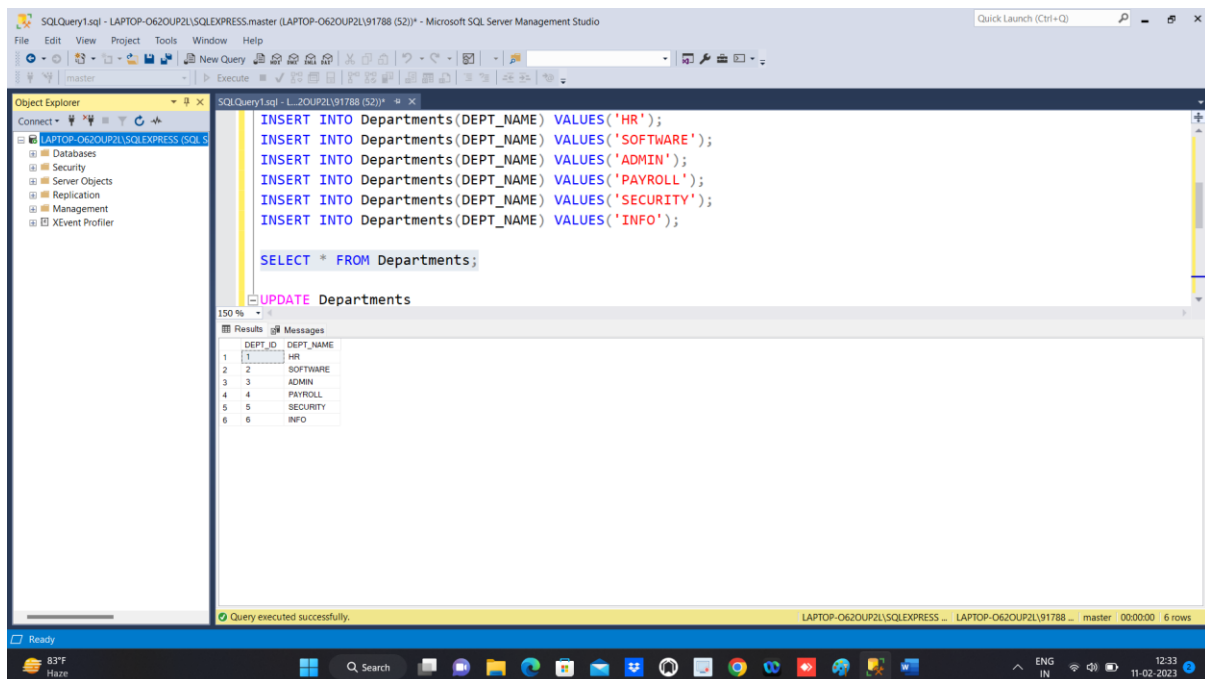
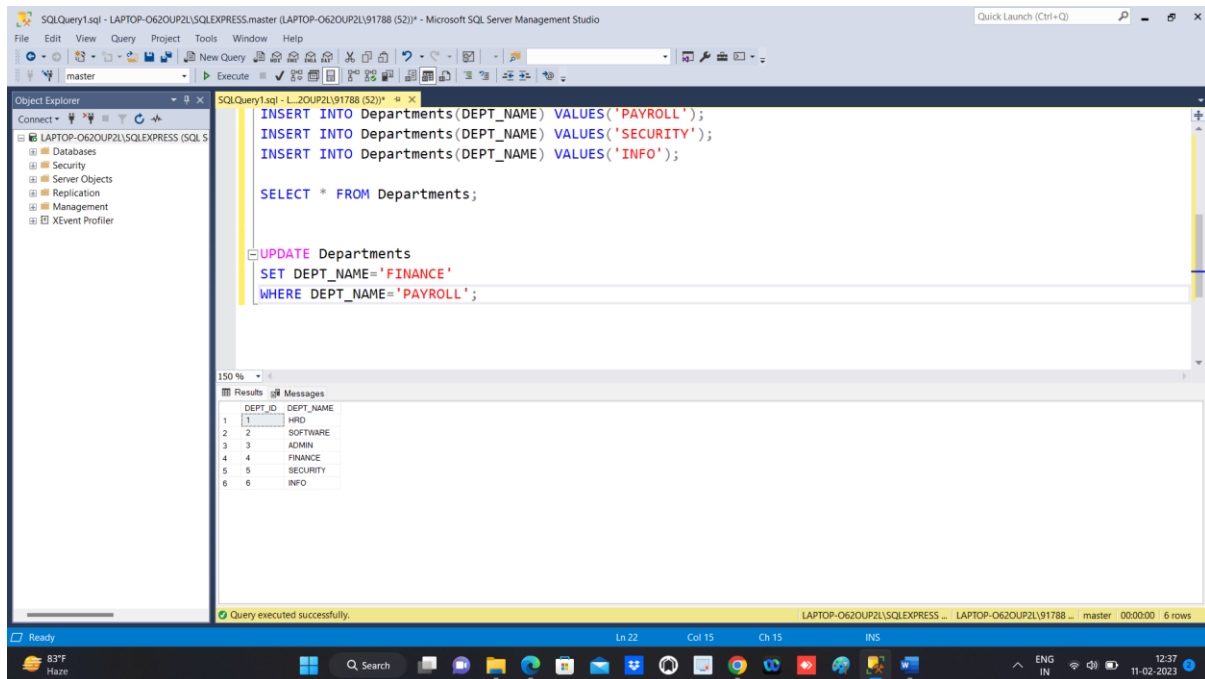2. Insert 6 Records in Departments Table with Department Names HR,Software,Admin,Payroll,Security,Info.

```sql
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.

```sql
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','Kollkata'.

```sql
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;
```

```sql
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;
```

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

Query executed successfully.