**PRACTICAL NO: 5**

**AIM: IMPLEMENTING THE CONCEPT OF INTEGRITY CONSTRAINTS**

**USE FYIT\_40**

**PRIMARY CONSTRAINTS**

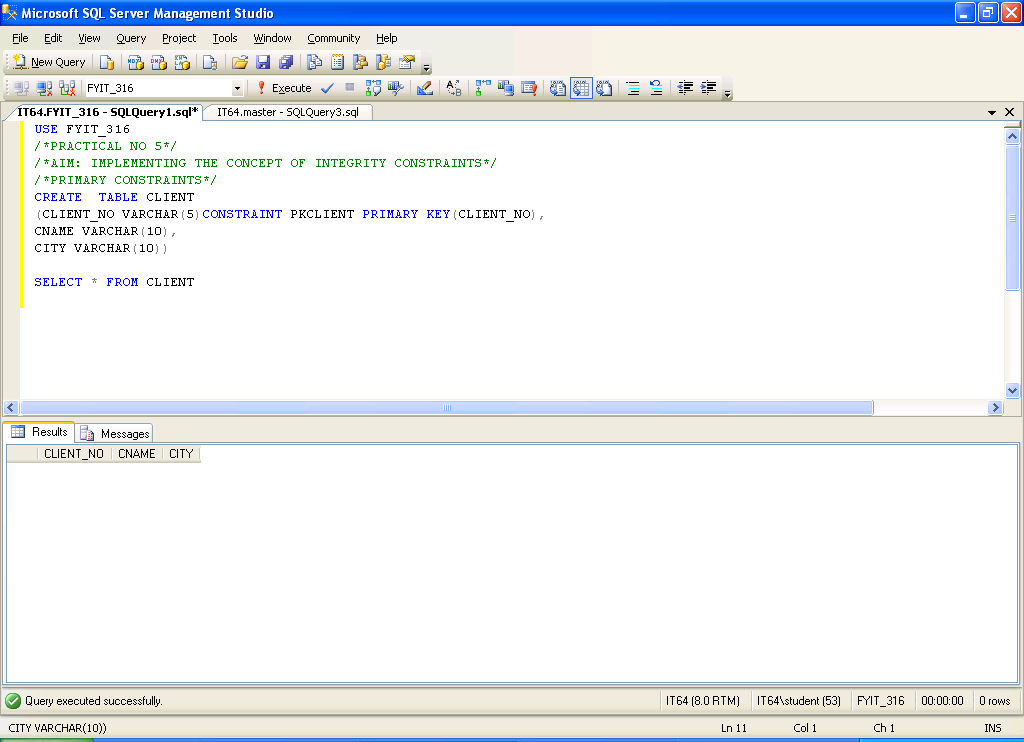
CREATE TABLE CLIENT

(CLIENT\_NO VARCHAR(5)CONSTRAINT PKCLIENT PRIMARY KEY(CLIENT\_NO),

CNAME VARCHAR(10),

CITY VARCHAR(10))

SELECT \* FROM CLIENT



**FOREIGN KEY CONSTRAINTS**

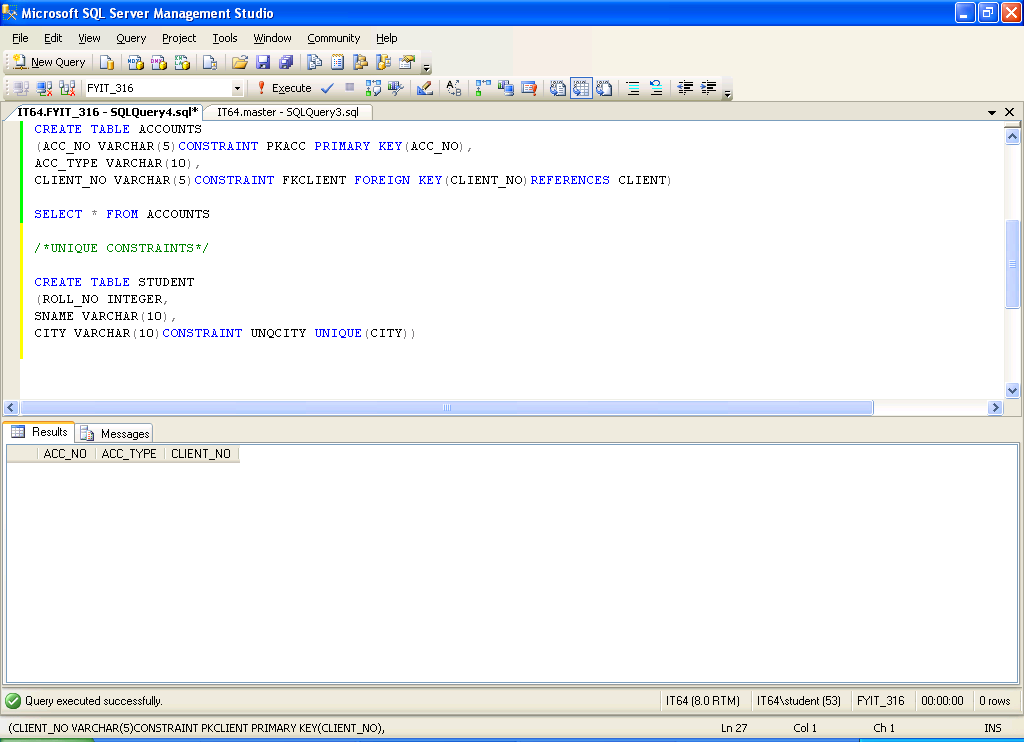
CREATE TABLE ACCOUNTS

(ACC\_NO VARCHAR(5)CONSTRAINT PKACC PRIMARY KEY(ACC\_NO),

ACC\_TYPE VARCHAR(10),

CLIENT\_NO VARCHAR(5)CONSTRAINT FKCLIENT FOREIGN KEY(CLIENT\_NO)REFERENCES CLIENT)

SELECT \* FROM ACCOUNTS



**UNIQUE CONSTRAINTS**

CREATE TABLE STUD

(ROLL\_NO INTEGER,

SNAME VARCHAR(10),

CITY VARCHAR(10)UNIQUE)

SELECT \* FROM STUD

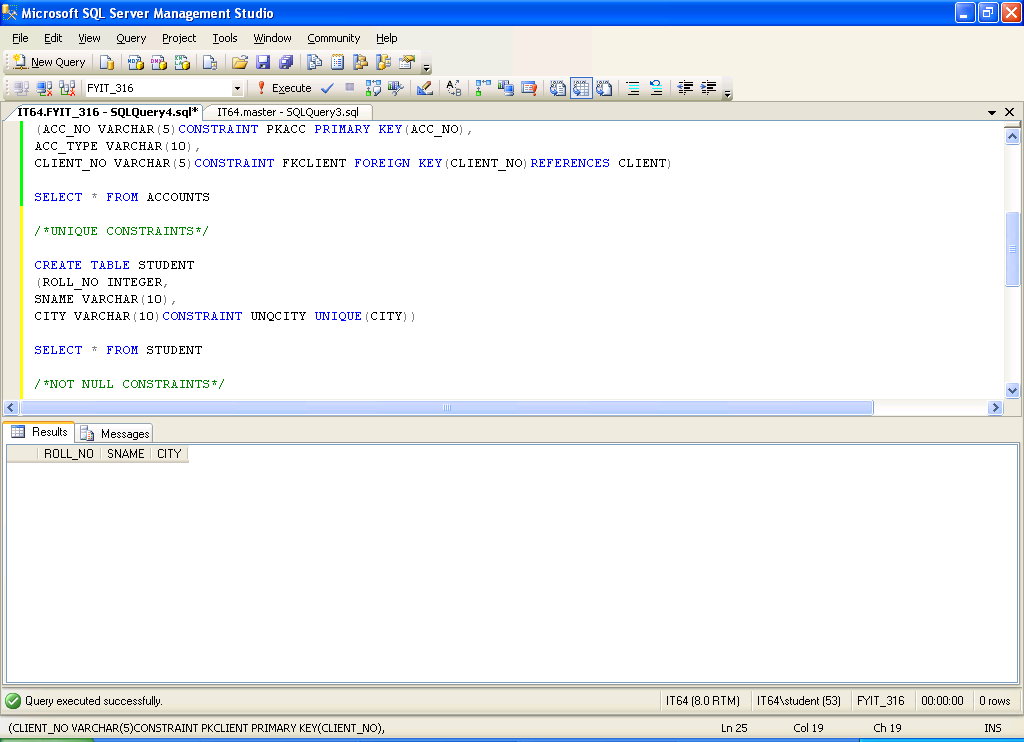
CREATE TABLE STUDENT

(ROLL\_NO INTEGER,

SNAME VARCHAR(10),

CITY VARCHAR(10)CONSTRAINT UNQCITY UNIQUE(CITY))

SELECT \* FROM STUDENT



**CHECK CONSTRAINTS**

CREATE TABLE SALESPERSON

(SNO INTEGER,

SNAME VARCHAR(15),

AGE INTEGER CHECK(AGE>18))

SELECT \* FROM SALESPERSON

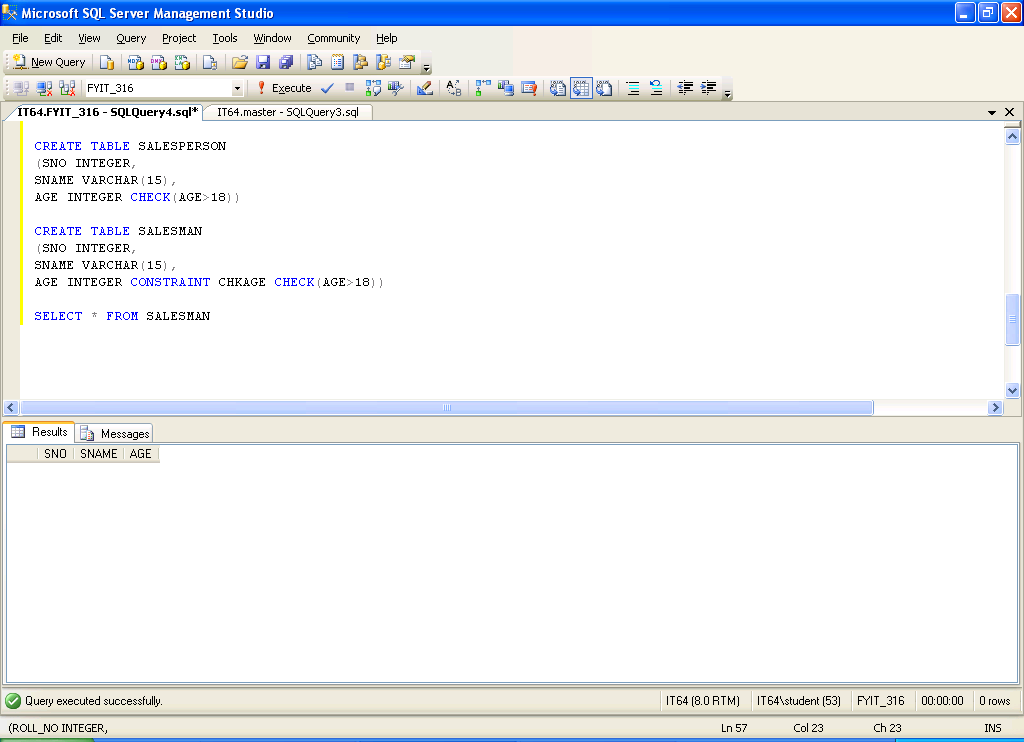
CREATE TABLE SALESMAN

(SNO INTEGER,

SNAME VARCHAR(15),

AGE INTEGER CONSTRAINT CHKAGE CHECK(AGE>18))

SELECT \* FROM SALESMAN



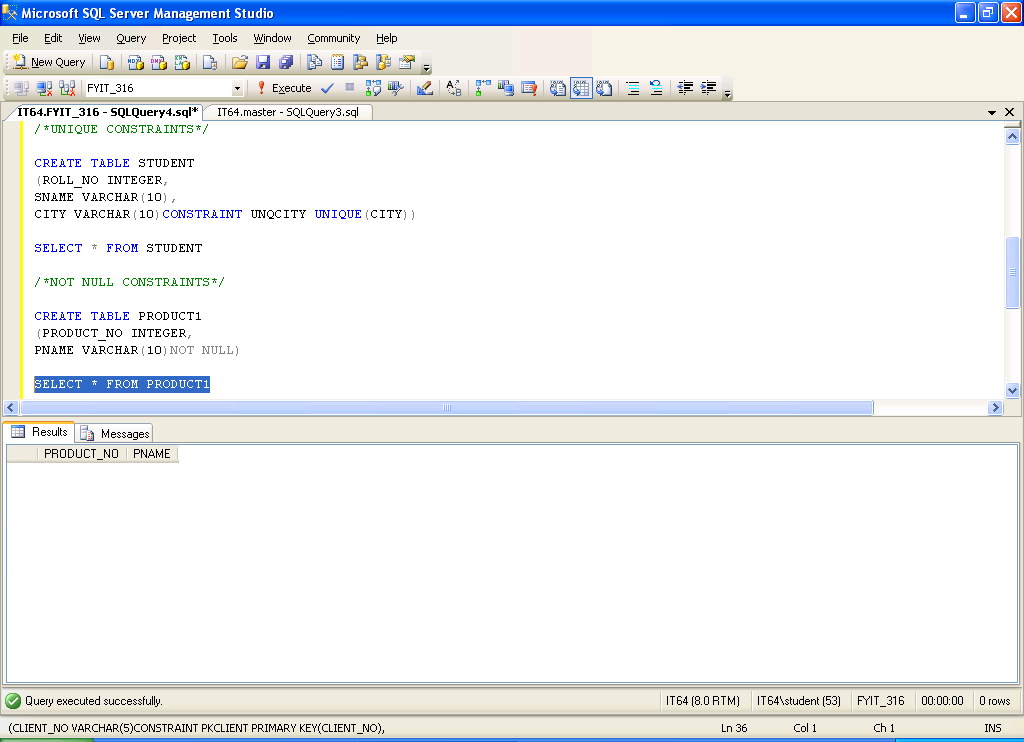
**NOT NULL CONSTRAINTS**

CREATE TABLE PRODUCT1

(PRODUCT\_NO INTEGER,

PNAME VARCHAR(10)NOT NULL)

SELECT \* FROM PRODUCT1



***NOT NULL CONSTRAINTS***

CREATE TABLE PRODUCT1

(PRODUCT\_NO INTEGER,

PNAME VARCHAR(10)NOT NULL)

SELECT \* FROM PRODUCT1

