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CHN18CS005
S5C,03
EXP. NO. 4
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Question

Create and insert values for the following tables department and instructor(with constraints)
a.   Department table
Code(primary key)
Title
Dept_name(unique)
Dept_id
Salary(check –salary>2000)
b.   Instructor table
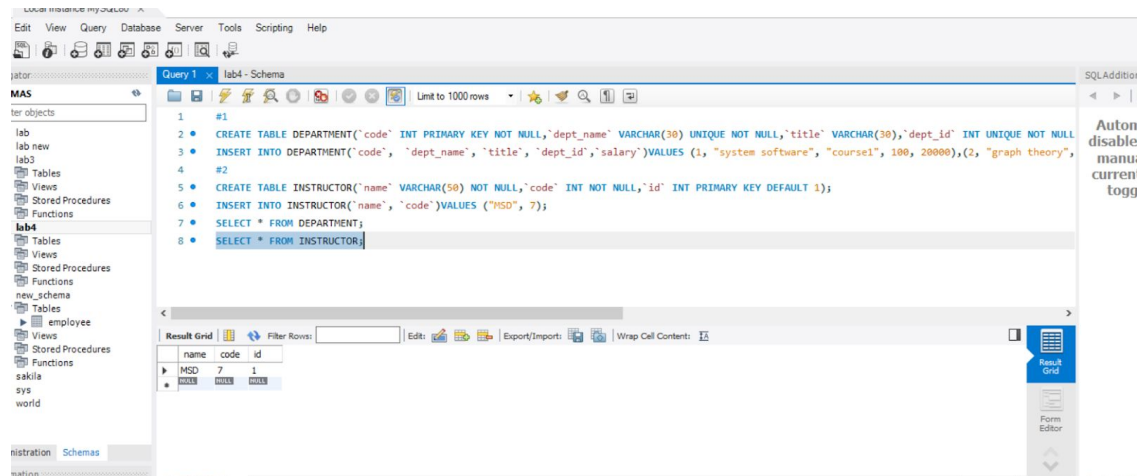Name(not null)
Code
Id(default)

CODE

```
CREATE TABLE DEPARTMENT(
    `code` INT PRIMARY KEY NOT NULL,
    `dept_name` VARCHAR(30) UNIQUE NOT NULL,
    `title` VARCHAR(30),
    `dept_id` INT UNIQUE NOT NULL,
    `salary` INT,
    CHECK (`salary` > 2000 )
);

INSERT INTO DEPARTMENT(`code`,  `dept_name`, `title`, `dept_id`,`salary`)
VALUES (1, "Computer Science", "course1", 100, 20000),
     (2, "Mechanical", "course2", 101, 25000);
```

```
CREATE TABLE INSTRUCTOR(
    `name` VARCHAR(50) NOT NULL,
    `code` INT NOT NULL,
    `id` INT PRIMARY KEY DEFAULT 1
);

INSERT INTO INSTRUCTOR(`name`, `code`)
VALUES ("MSD", 7);
SELECT * FROM DEPARTMENT;
SELECT * FROM INSTRUCTOR;
```

Output