Assignment 1

1. **Create the following Tables with their respective columns, data types and size.**

Table Name	Columns	Datatypes	Size
Instructor	ID	number	5
	Name	varchar	30
	Dept_Name	varchar	20
	Salary	number	6

Query:

create table Instructor(ID int, Name varchar(30), Dept_name varchar(20), salary int);

Output:

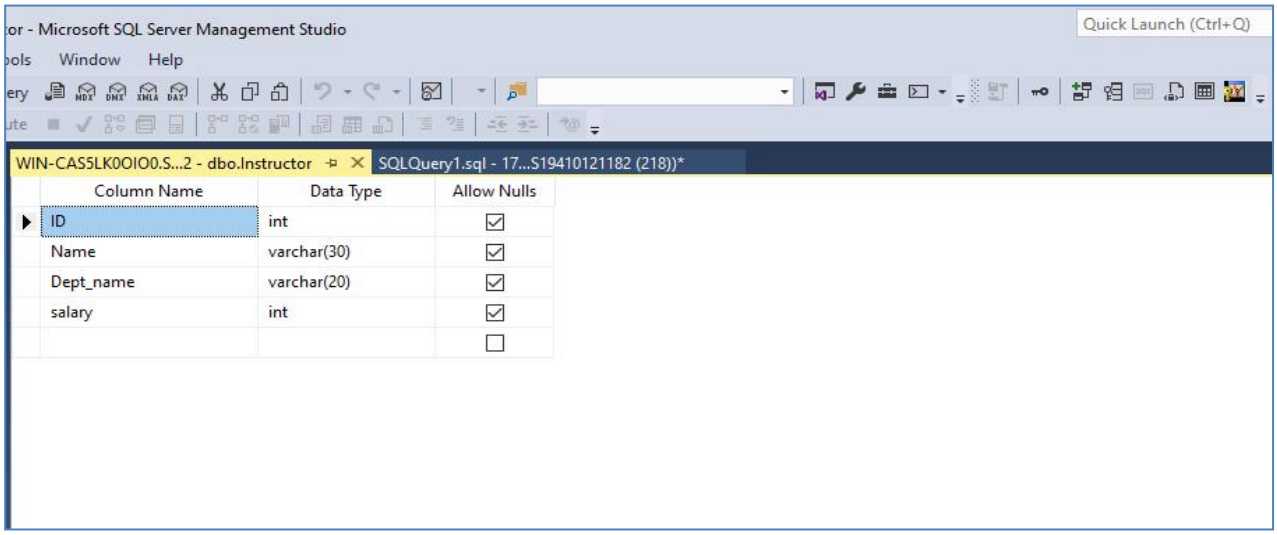


Table Name	Columns	Datatypes	Size
Course	Course_id	Varchar2	10
	Title	Varchar2	30
	Dept_name	Varchar2	20
	Credits	Number	2

Query:

```
create table Course(
            Course_id  varchar(10),
            Title varchar(30),
            Dept_Name  varchar(20) ,
            Credits int );
```

Output:

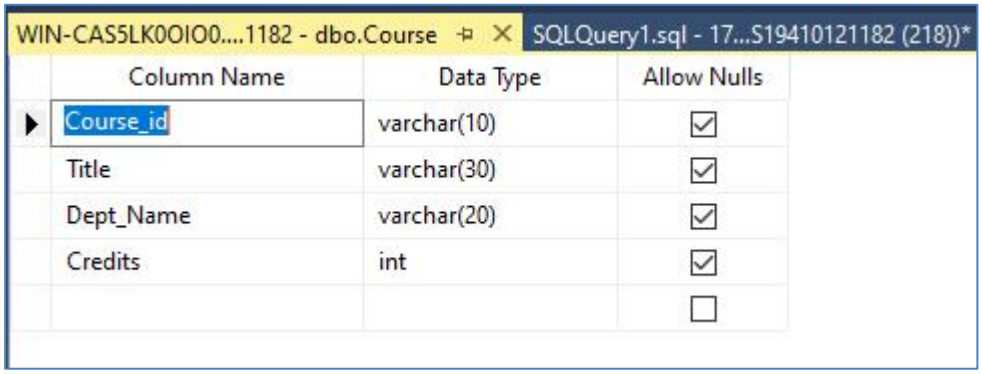


Table Name	Columns	Datatypes	Size
Prereq	Course_id	Varchar2	10
	Prereq_id	Varchar2	10

Query:

```
create table Prereq( Course_id varchar(10),Prereq_id varchar(10));
```

Output:

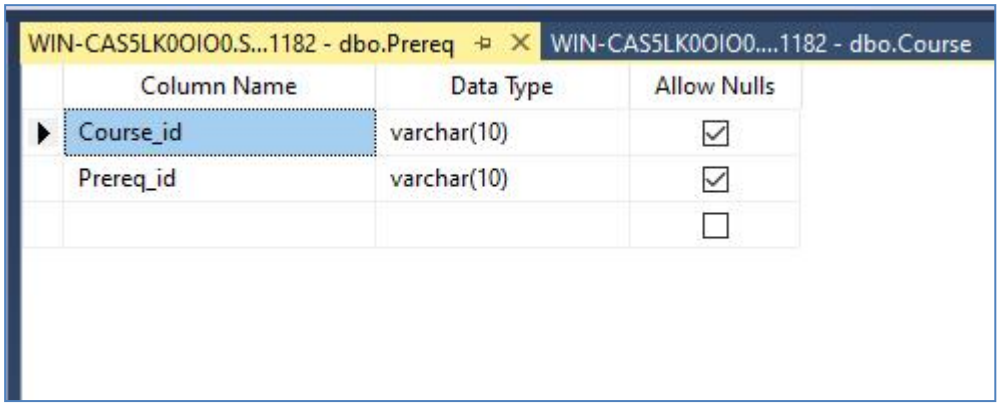


Table Name	Columns	Datatypes	Size
Department	Dept_name	Varchar2	20
	Building	Varchar2	20
	Budget	Number	10

Query:

create table Department(Dept_name varchar(20),Building varchar(20), Budget int);

Output:

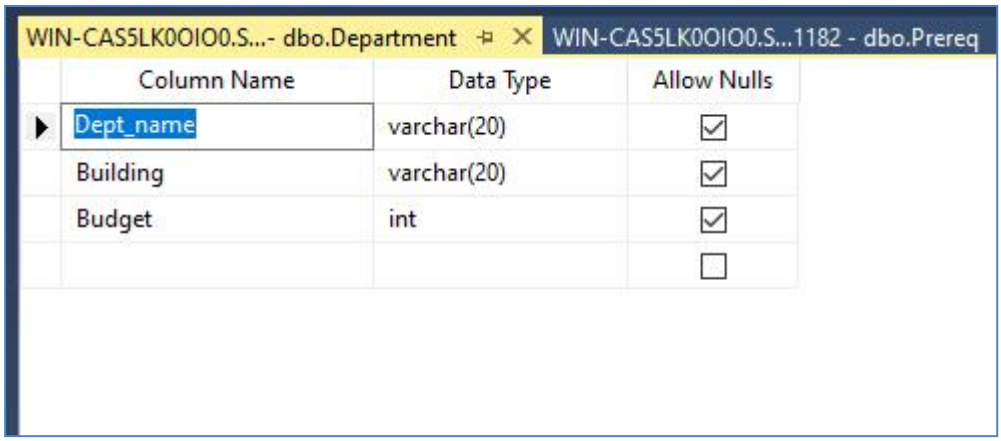
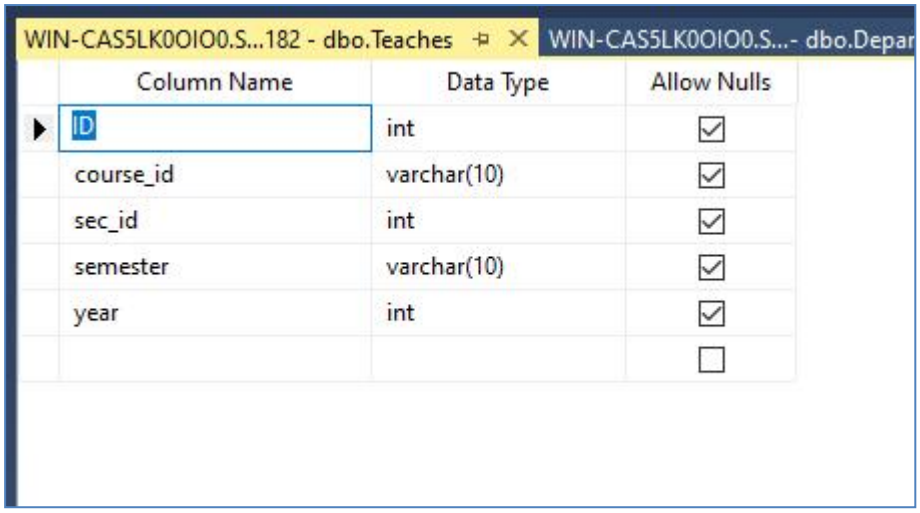


Table Name	Columns	Datatypes	Size
Teaches	ID	Number	5
	Course_id	Varchar2	10
	Sec_id	Number	2
	Semester	Varchar2	10
	year	Number	4

Query:

```
create table Teaches(
        ID int,
        course_id varchar(10),
        sec_id int,
        semester varchar(10),
        year int);
```

Output: