

# ASSIGNMENT

DBMS Lab

January 11, 2021

**Arnav Dixit**

191112034, CSE-1

Database Basics



Computer Science Department  
MANIT, Bhopal

# Contents

<b>1. Create Schema</b>	<b>1</b>
1.1. Code	1
1.2. Output	1
<b>2. Create Table</b>	<b>2</b>
2.1. Code	2
2.2. Output	3
<b>3. Insert Values</b>	<b>3</b>
3.1. Code	3
3.2. Output	4
<b>4. Display Values</b>	<b>4</b>
4.1. Code	4
4.2. Output	5

---

## 1. Create Schema

Create a database with your Scholar Number.

### 1.1. Code

```
create database `191112034`;
```

### 1.2. Output

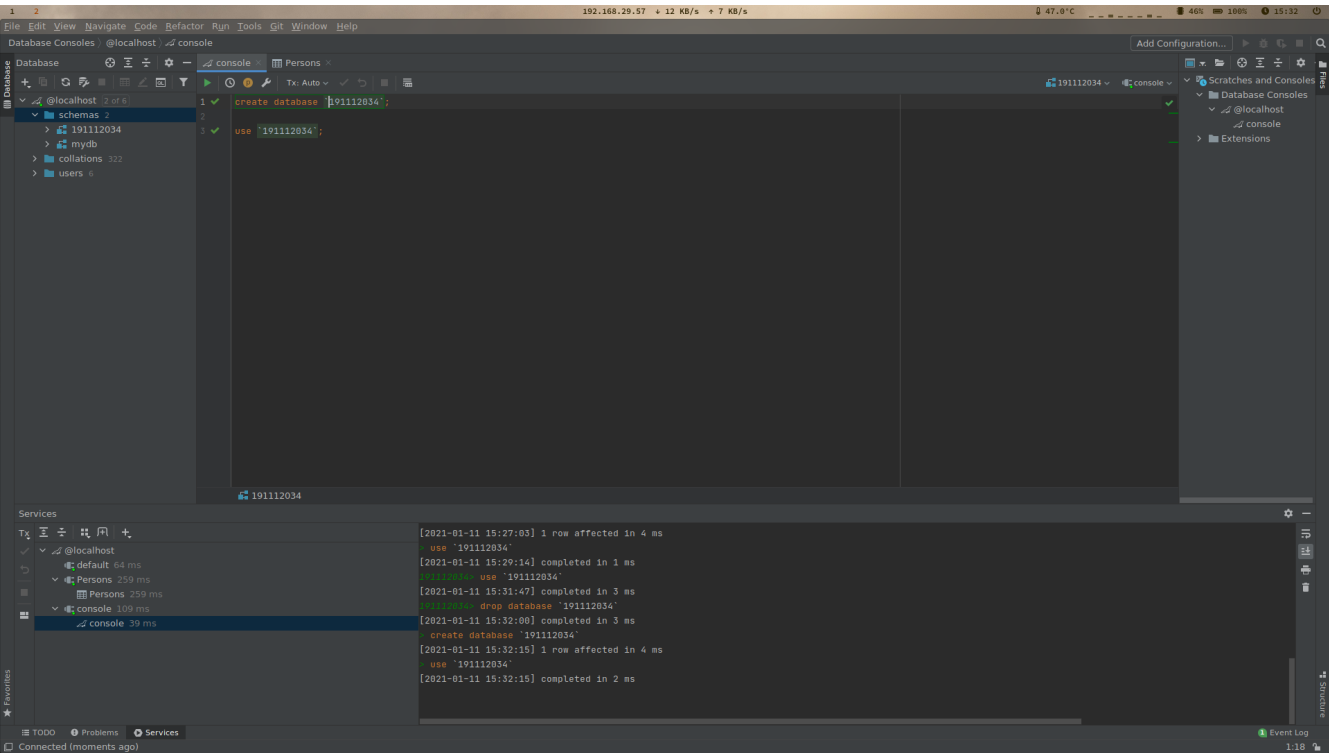


Figure 1: Create Database

## 2. Create Table

Create a table student with following attributes:

Field	Data Type	Size
Enrollment_Number	int	20
First_name	varchar	20
Middle_name	varchar	20
Last_name	varchar	20
Branch	varchar	20
Address	varchar	40
City	varchar	20
State	varchar	20
Pincode	int	20

### 2.1. Code

```
create table student (  
    Enrollment_Number int(20),  
    First_name varchar(20),  
    Middle_name varchar(20),  
    Last_name varchar(20),  
    Branch varchar(20),  
    Address varchar(40),  
    City varchar(20),  
    State varchar(20),  
    Pincode int(20)  
);
```

## 2.2. Output

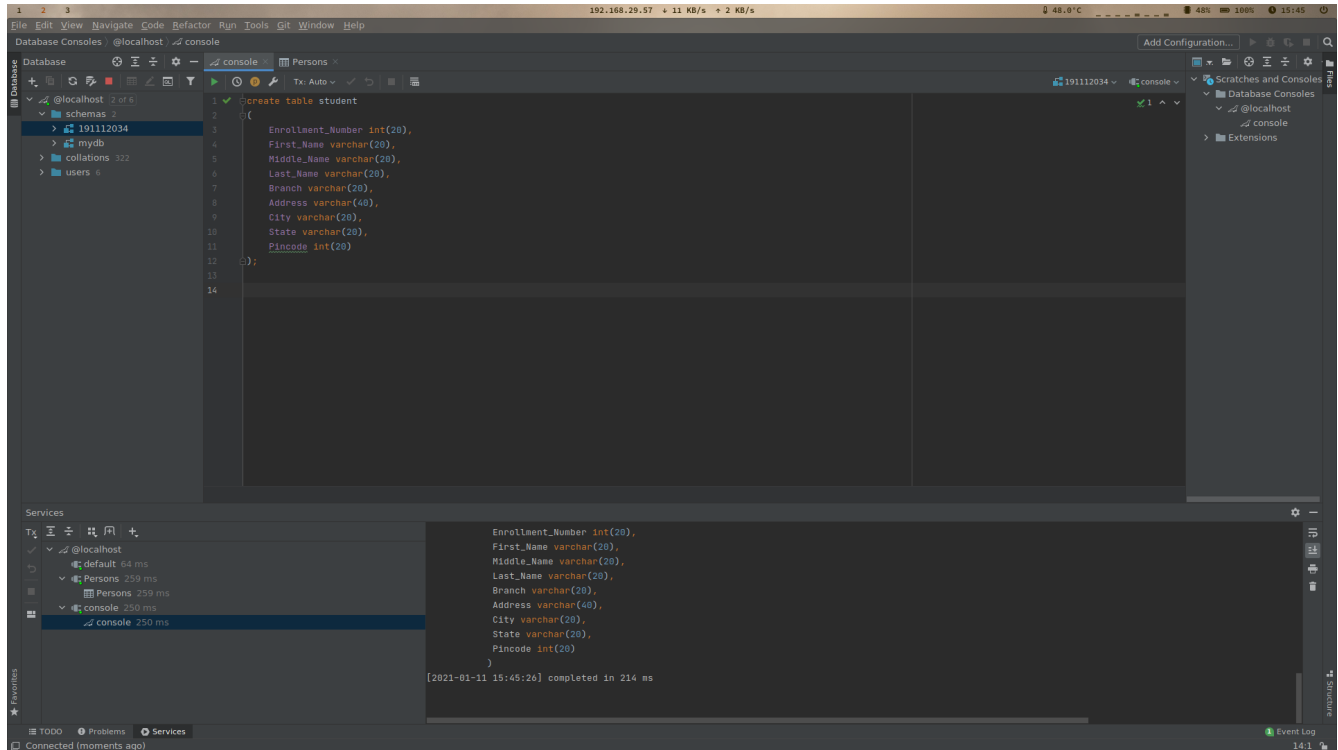


Figure 2: Create Table

## 3. Insert Values

Insert values into the table just created.

### 3.1. Code

```
insert into student values (  
    191112034,  
    'Arnav',  
    '',  
    'Dixit',  
    'CSE',  
    'Saket Nagar',  
    'Kanpur',  
    'Uttar Pradesh',  
    208014  
);
```

## 3.2. Output

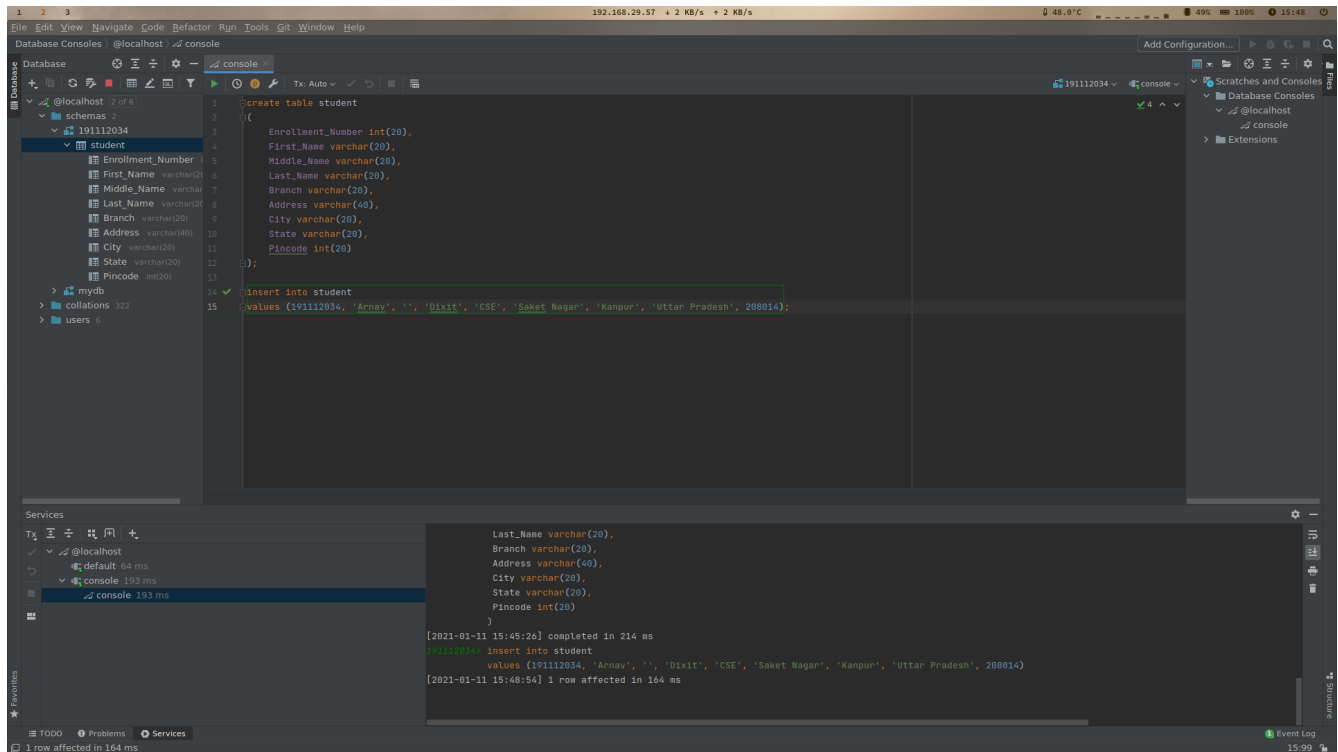


Figure 3: Insert Values

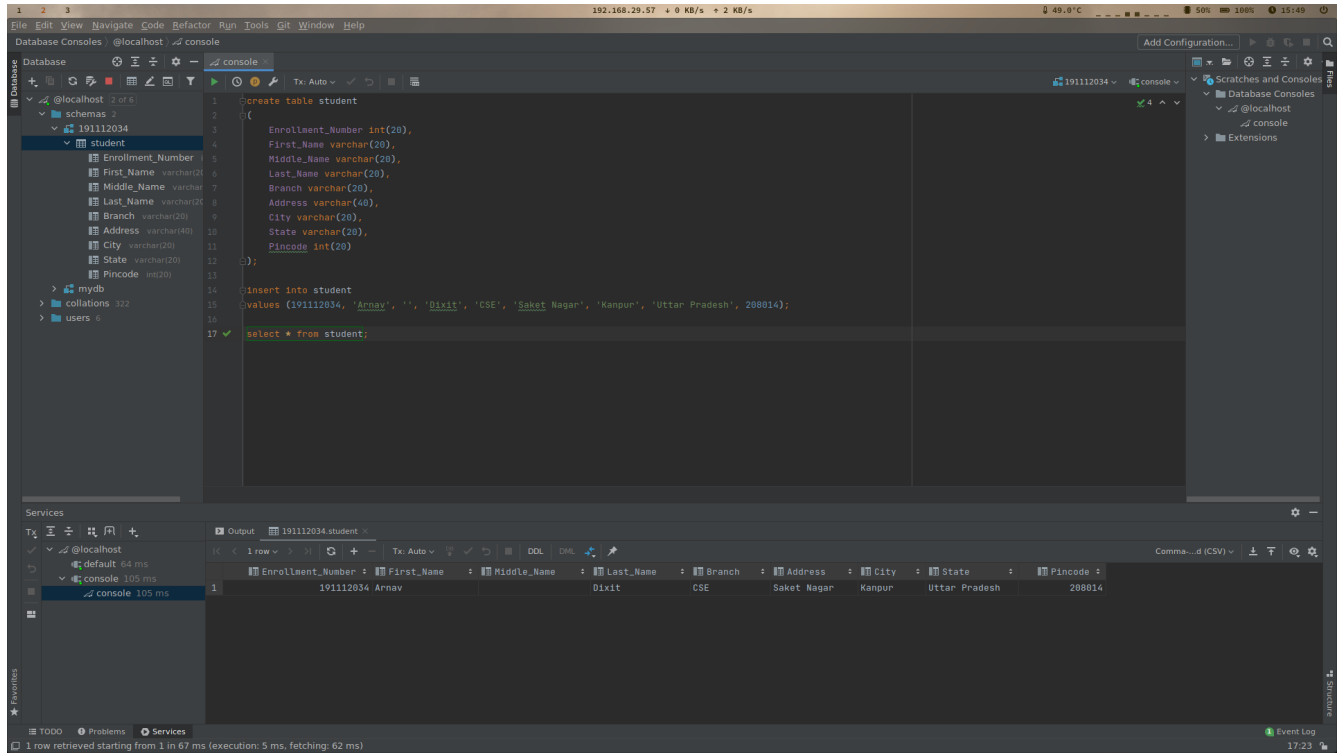
## 4. Display Values

Display the table.

### 4.1. Code

```
select * from student;
```

## 4.2. Output



The screenshot displays an IDE interface with a SQL console and an output window. The console shows the execution of SQL commands to create a table, insert data, and retrieve it. The output window shows the result of the query, which is a single row of data.

```
1 create table student
2 (
3     Enrollment_Number int(20),
4     First_Name varchar(20),
5     Middle_Name varchar(20),
6     Last_Name varchar(20),
7     Branch varchar(20),
8     Address varchar(40),
9     City varchar(20),
10    State varchar(20),
11    Pincode int(20)
12 );
13
14 insert into student
15 values (191112034, 'Arnav', '', 'Dixit', 'CSE', 'Saket Nagar', 'Kanpur', 'Uttar Pradesh', 208014);
16
17 select * from student;
```

The output window shows the result of the query, which is a single row of data:

Enrollment_Number	First_Name	Middle_Name	Last_Name	Branch	Address	City	State	Pincode
191112034	Arnav		Dixit	CSE	Saket Nagar	Kanpur	Uttar Pradesh	208014

Figure 4: Display Values