



Bharathidasan University

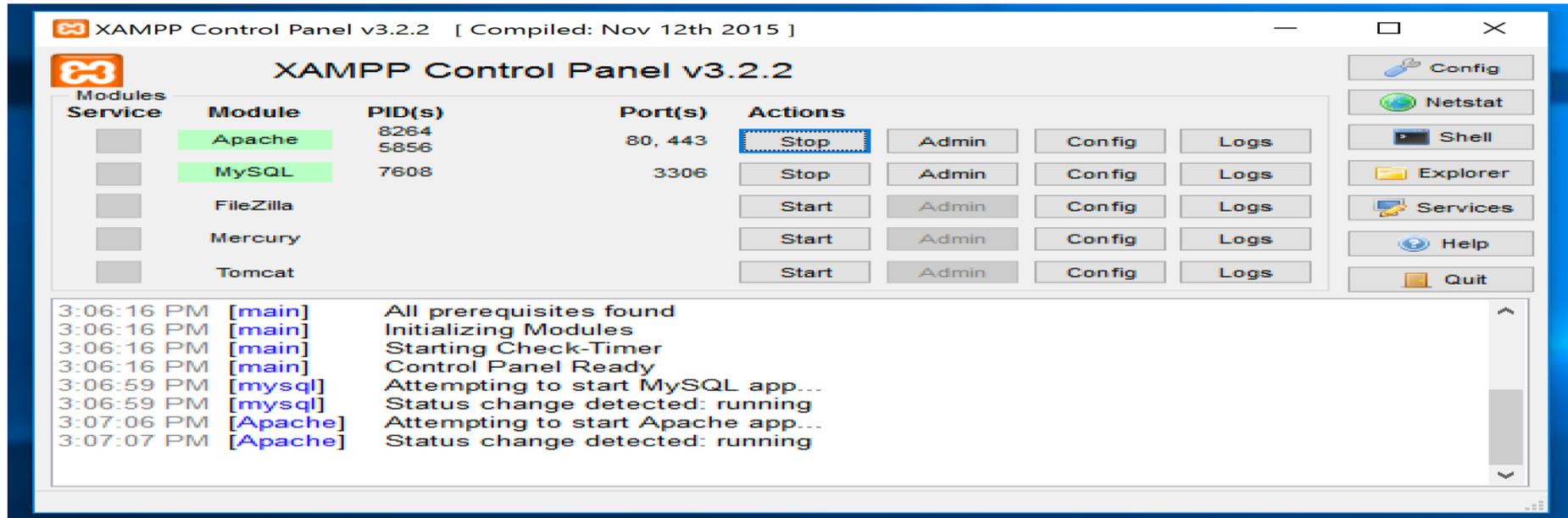
Centre for Differently Abled Persons
Tiruchirappalli – 620024.

- Programme Name: Bachelor of Computer Applications
- Course Code : 20UCA6CC9
- Course Title : PHP
- Unit : Unit V
- Compiled by : Dr. M. Prabavathy
Associate Professor

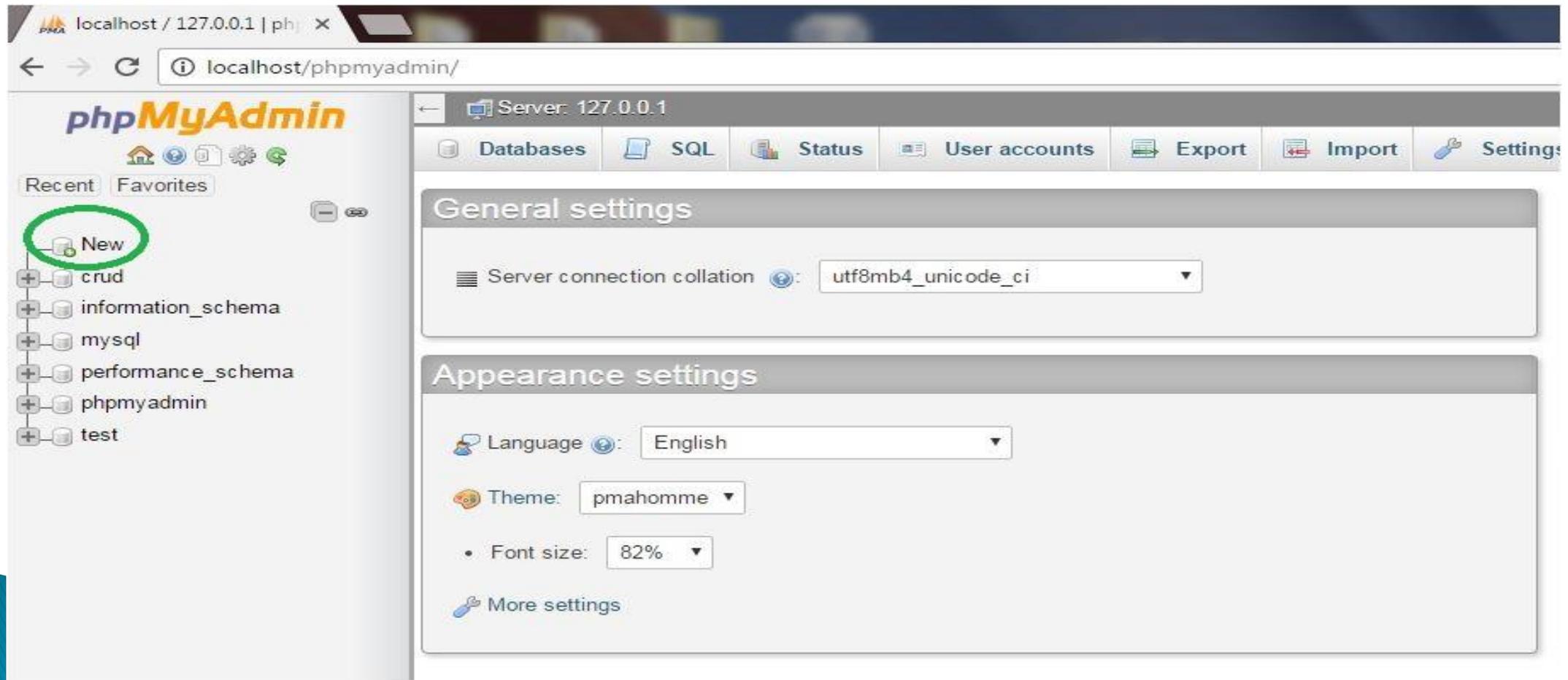
Ms. M. Hemalatha
Guest Faculty

INSTALLING AND CONFIGURING MySQL

- ▶ Go to browser, type XAMPP and click first link
- ▶ Download the XAMPP that support Windows
- ▶ Set the file into C drive and start the installation
- ▶ Click Admin next to MySQL on the XAMPP Control Panel to bring up the phpMyAdmin.



- ▶ Choose the MySQL database on the left.
- ▶ Then choose the SQL tab on the top and run the following statement



ESTABLISHING A CONNECTION

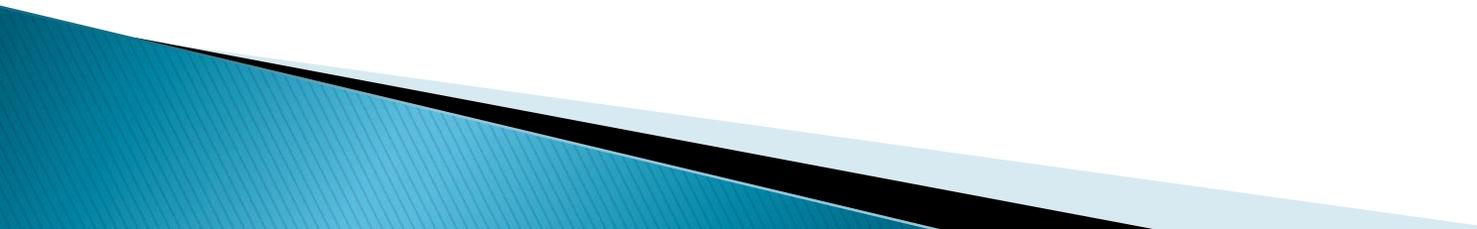
```
<?php
// Create connection
$conn = new mysqli("localhost","root","password");
?>
```

Here,

localhost=servername, root=username,
password=password, dbname=mydb

```
<?php
$servername='localhost';
$username='root';
```

```
$password='password';  
$dbname = "mydb";  
$conn=mysql_connect($servername,$username,$password,"$db  
name");  
if(!$conn){  
    die('Could not Connect My Sql:' .mysql_error());  
}  
?>
```

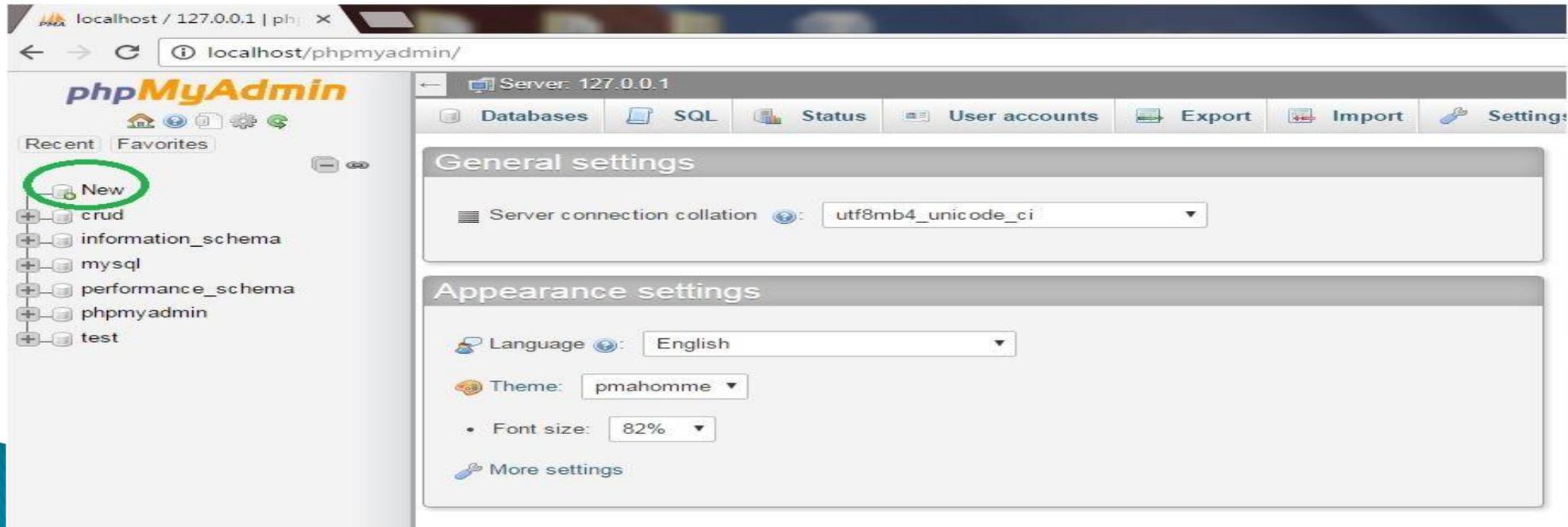


CREATING A DATABASE TABLE

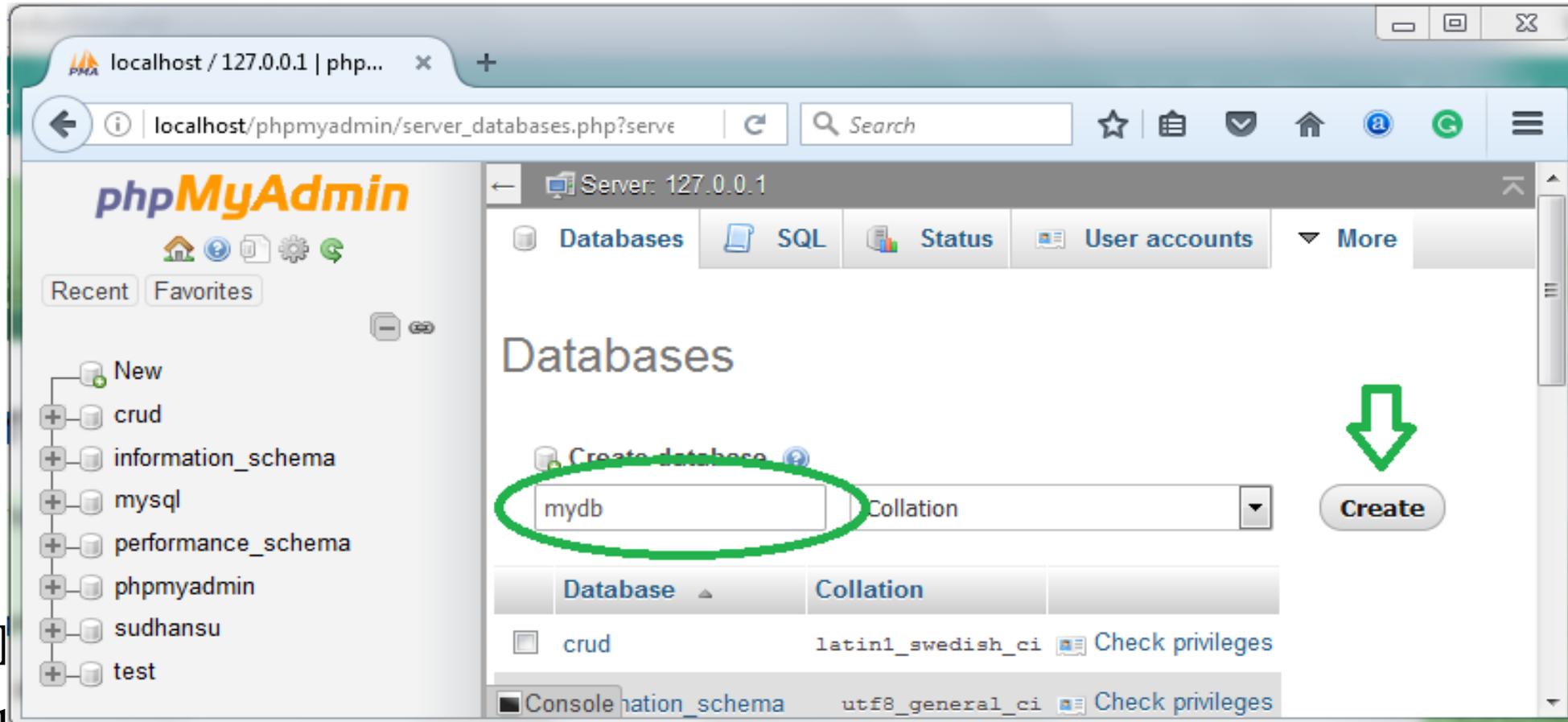
To create a database,

Go to the browser and type **localhost/phpmyadmin** and click enter

click **NEW** button at left side of the dashboard



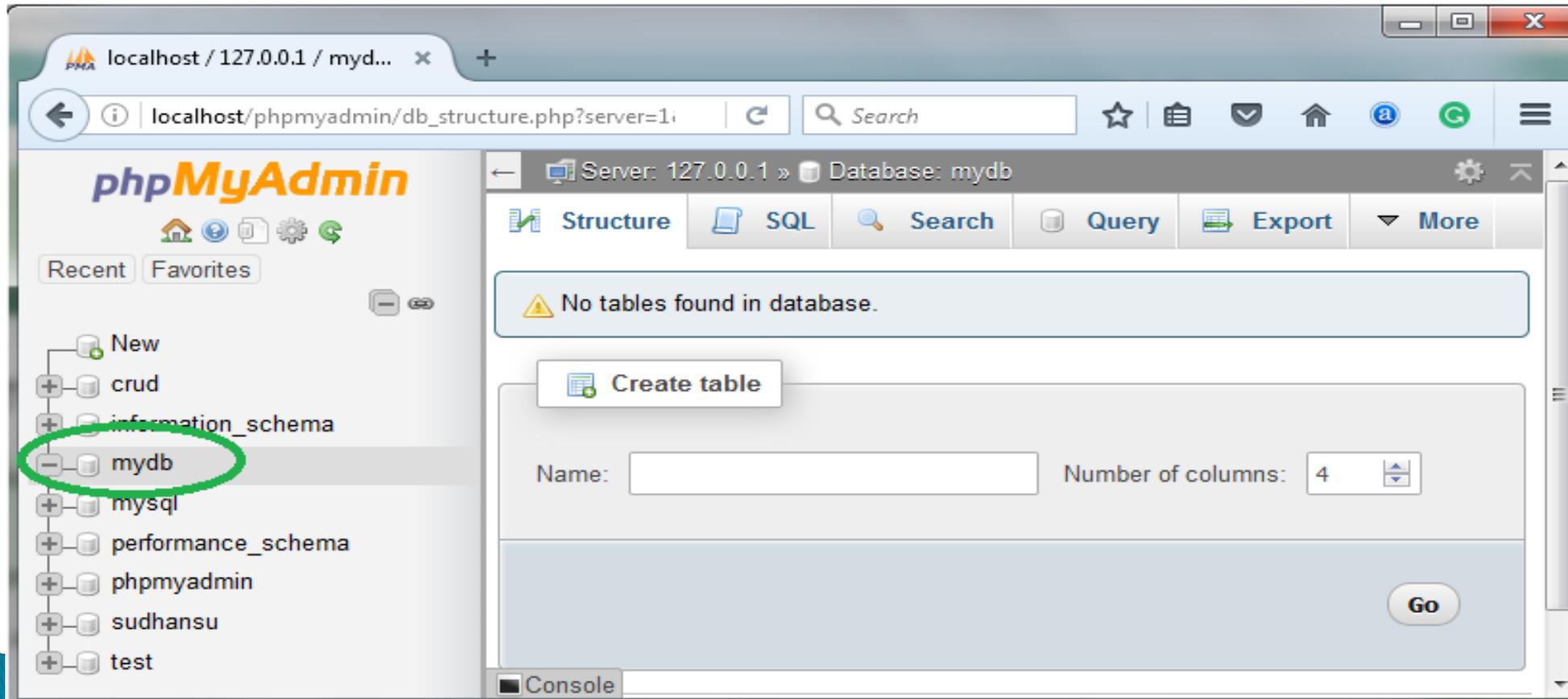
Enter a database name of your choice and click CREATE



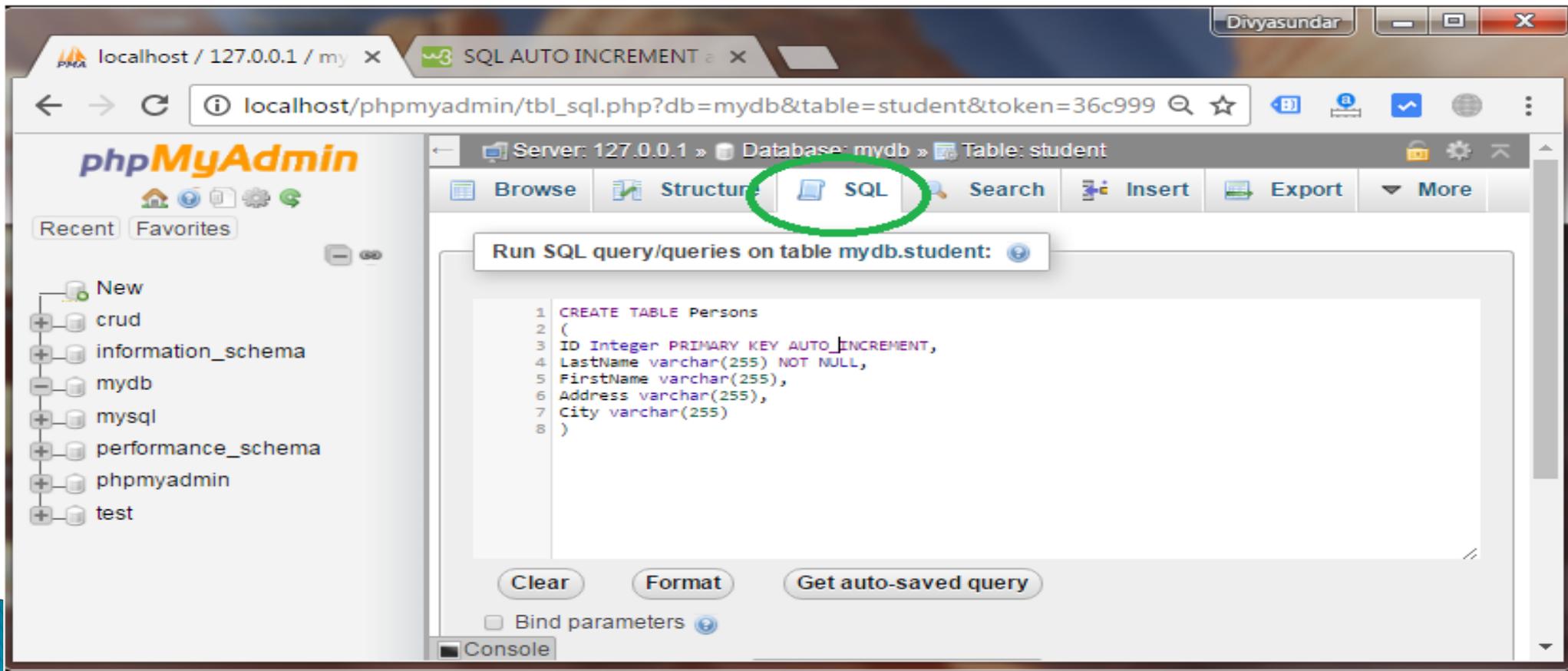
mydb

To Create Database Table

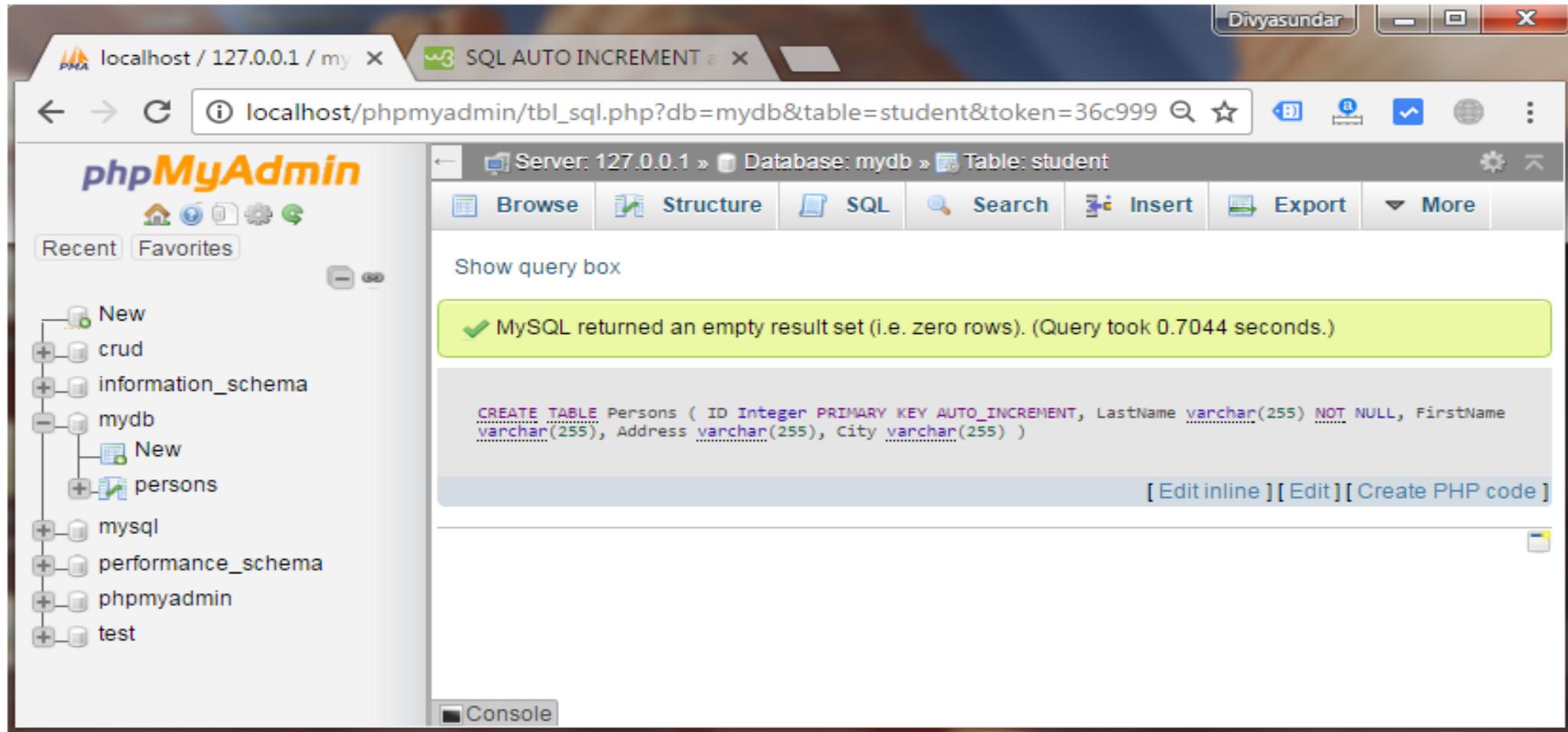
After creating database, database name will appear on left side of dashboard



Click the database name, the page opens to create table
There are two ways to create table
SQL queries → writing queries and click GO



If query is correct, the message is displayed



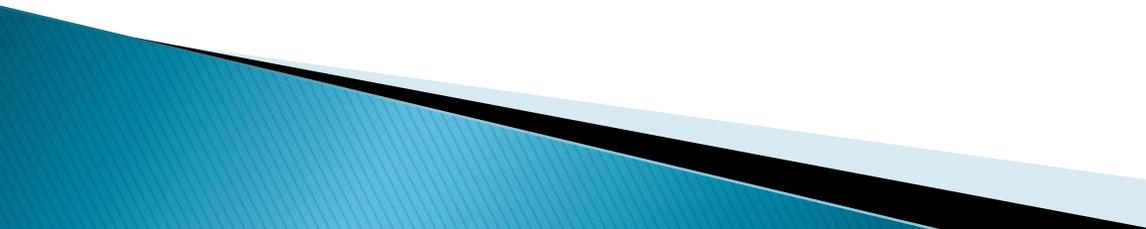
SYNTAX

```
CREATE TABLE table_name (column_name column_type);
```

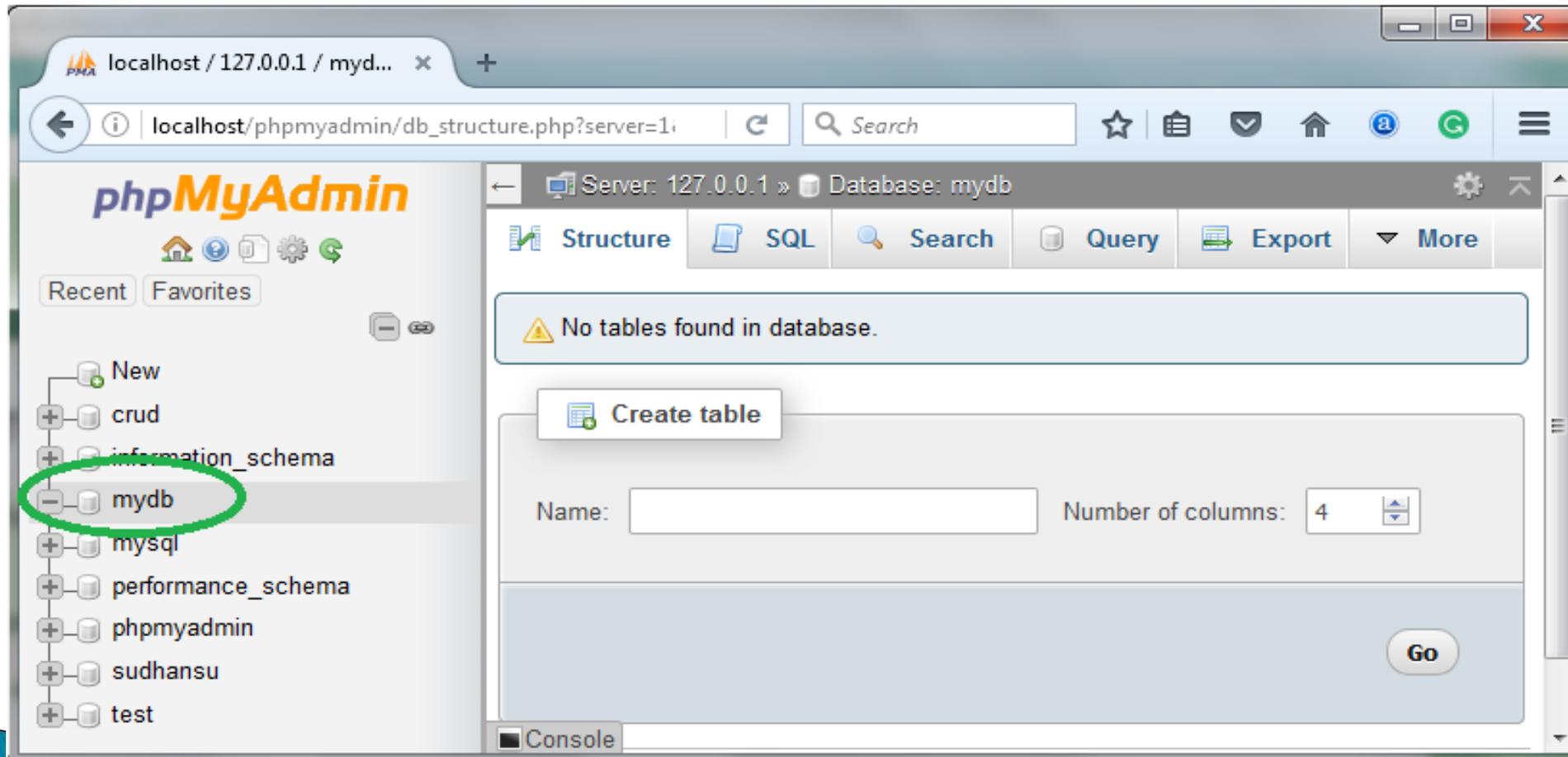
SAMPLE QUERY

```
create table bca_student(  
    student_id INT NOT NULL AUTO_INCREMENT,  
    student_name VARCHAR(5) NOT NULL,  
    address VARCHAR(40) NOT NULL,  
    PRIMARY KEY (student_id )
```

```
);
```



2. Using Structure – enter table name and number of columns for table and click GO



INSERTING DATA INTO THE TABLE

Syntax

To insert data into table

```
INSERT INTO table_name (field1,  
field2,...fieldN ) VALUES ( value1,  
value2,...valueN );
```

Or

```
INSERT INTO table_name VALUES (  
value1, value2,...valueN );
```

Query

```
INSERT INTO
```

```
bca_student(student_id,student_name,address)
```

```
VALUES('1', 'viji', Tiruchirappalli');
```

OR

```
INSERT INTO bca_student VALUES ('1', 'viji',  
'Tiruchirappalli');
```

```
INSERT INTO bca_student VALUES ('2',  
'shanthi', 'Coimbatore');
```

Output

2 rows affected

student_id	student_name	address
1	viji	Tiruchirappalli
2	shanthi	Coimbatore

SELECTING AND DISPLAYING DATA

Selecting Data

Syntax

To select specific row,
SELECT expressions
FROM tables
[WHERE conditions];

Query

```
SELECT student_name, address FROM bca_student  
WHERE student_id ='2'
```

Output

Student_id	Student_name	address
2	shanthi	Coimbatore

Displaying Data

Syntax

To display table

```
SELECT * FROM tablename;
```

Sample Query

```
SELECT * FROM bca_student;
```

Output

student_id	student_name	address
1	viji	Tiruchirappalli
2	shanthi	Coimbatore

DELETING DATA FROM TABLE

Syntax

To delete data ,

```
DELETE FROM table_name
```

```
WHERE
```

```
(Condition);
```

Query

```
DELETE FROM bca_student WHERE student_id='2'
```

To delete entire table

```
DELETE FROM bca_student;
```

student_id	student_name	address
1	viji	Tiruchirappalli

THANK YOU

