

- Programme Name: Bachelor of Computer Applications
- Course Code : 20UCA6CC9
- Course Title : PHP
- Unit : Unit V
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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.

XAMPP Control Panel v3.2.2 [Compiled: Nov 12th 2015] -							\times		
83	XAN	XAMPP Control Panel v3.2.2				<i>6</i> c	onfig		
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	Tomcat			Start	Admin	Config	Logs		Quit
3:06:16 PM[main]All prerequisites found3:06:16 PM[main]Initializing Modules3:06:16 PM[main]Starting Check-Timer3:06:16 PM[main]Control Panel Ready3:06:59 PM[mysql]Attempting to start MySQl3:06:59 PM[mysql]Status change detected: n3:07:06 PM[Apache]Attempting to start Apache3:07:07 PM[Apache]Status change detected: n			L app unning e app unning					<	

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

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ESTABLISHING A CONNECTION

<?php

```
// Create connection
```

```
$conn = new mysql("localhost","root","password");
?>
```

```
Here,
```

```
localhost=servername, root=username,
password=password, dbname=mydb
<?php
$servername='localhost';
$username='root';</pre>
```

```
$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

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Enter a database name of your choice and click CREATE

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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** \rightarrow writing queries and click GO



If query is correct, the message is displayed

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\leftarrow \rightarrow C (i) localhost/phpm	nyadmin/tbl_sql.php?db=mydb&table=student&token=36c999 🍳 🛧 💷 🚇 💽 🏐
phpMuAdmin	🔶 🗐 Server: 127.0.0.1 » 📄 Database: mydb » 🐻 Table: student 🔅 🦟
ې 😳 🏠 🏠	🔄 Browse 📝 Structure 🗐 SQL 🔍 Search 👫 Insert 🚍 Export 💌 More
Recent Favorites	Show query box
New ⊕ crud	MySQL returned an empty result set (i.e. zero rows). (Query took 0.7044 seconds.)
	CREATE TABLE Persons (ID Integer PRIMARY KEY AUTO_INCREMENT, LastName <u>varchar(255) NOT</u> NULL, FirstName <u>varchar(255)</u> , Address <u>varchar(255)</u> , City <u>varchar(255)</u>)
+ persons	[Edit inline] [Edit] [Create PHP code]
	Console

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

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php <mark>MyAdmin</mark>	← Server: 127.0.0.1 » Database: mydb ✓ Structure □ SQL Search □ Query Export	☆ ⊼ ▲ ▼ More
Recent Favorites	🛆 No tables found in database.	
Rew	Create table	E
mydb mysql performance_schema	Name: Number of columns: 4	V
⊕_⊜ phpmyadmin ⊕_⊜ sudhansu		Go
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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