

## **MODULE 2**

### **Module 2:**

PHPMYAdmin: Create, Browse, Drop, Copy, Rename and Alter databases, tables, views, fields and indexes, Import data from CSV and SQL, Export (back-up) data.

**Task:** Design a Student Profile Data Management System for a college. Create a Database and its associated tables

### **Database creation using coding with phpMyAdmin**

- We can create the database and tables using phpMyAdmin graphical user interface as well as with coding in php.

```
<?php
$servername = "localhost";
$username = "root"; //default user name is root
$password = ""; //default password is blank
$conn = mysqli_connect($servername, $username, $password);
if(!$conn)
    die("Connection failed".mysqli_connect_error());
else
    //echo "Successfully connected with database";
$query = "CREATE DATABASE student";
if (mysqli_query($conn, $query)) {
    echo "Database created successfully with the name student";
} else {
    echo "Error creating database: " . mysqli_error($conn);
}
mysqli_close($conn);
?>
```

### **Output:**

Database created successfully with the name student

### **.Database connectivity with phpMyAdmin**

- In phpMyAdmin, we create a database using a graphical user interface as well as by running queries.

```
<?php
$dbhost="localhost";
$dbName="student";
$user="root";
$pass="";
$conn = new mysqli("mysql:host=$dbhost;dbname=$dbName",$user,$pass);

try{
    echo "Successfully connected with student database";
}
catch(Exception $e){
    die("Connection failed". $e->getMessage());
}
?>
```

Output:

Successfully connected with the database.

- Import options::
  1. Select the table in the database option
  2. In phpMyAdmin interface select **import tab**
  3. Choose the CSV file to upload via the **Choose File** button.
  4. Verify the **Format** drop-down option is set to **CSV**.
  5. We can also change format specific options to the columns of CSV file
  6. Click the **Go** button.
- Upon successful import, an information box with details – similar to the one below – is presented in the interface.



