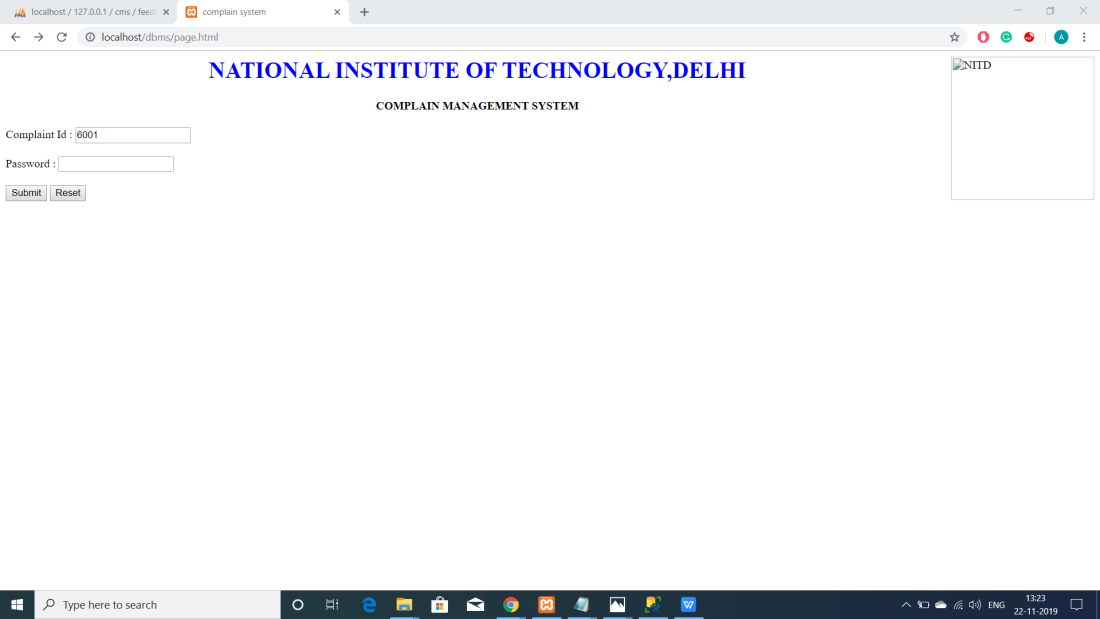
How to run the Complaint Management System (CMS) Project

1. Download the XAMPP software on your device.

Tutorial for downloading it can be taken from <https://www.wikihow.com/Install-XAMPP-for-Windows>.

2. create a web page using html.

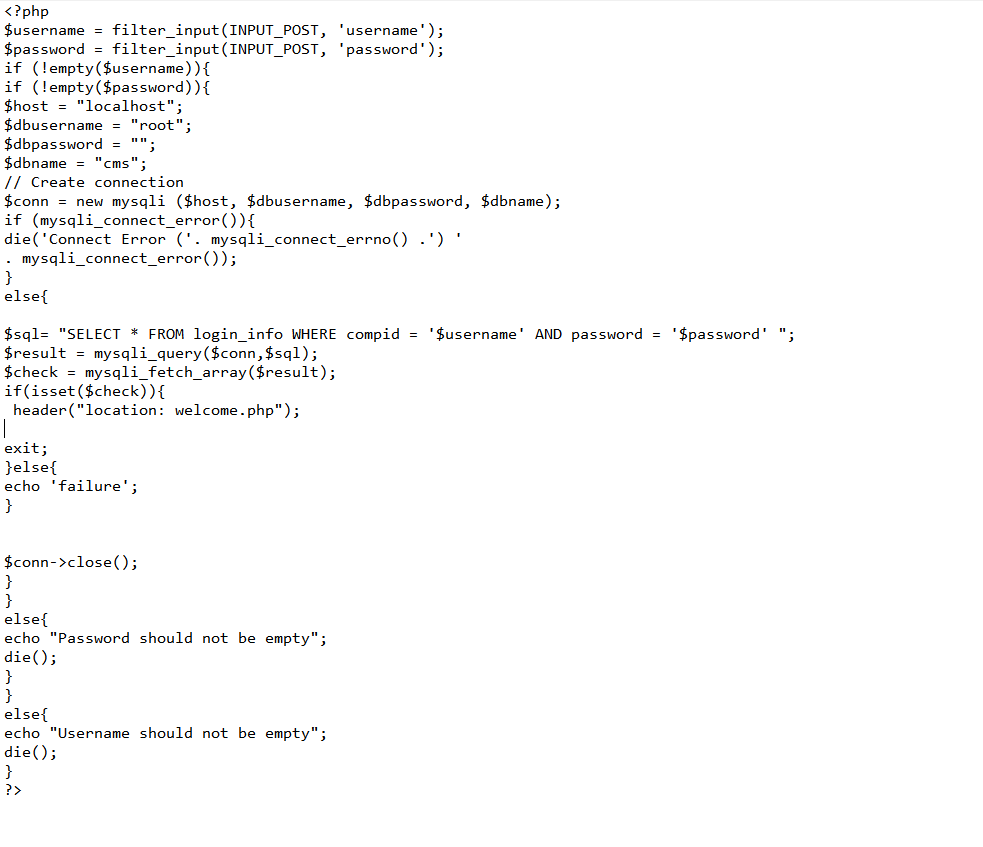
for eg;



Each button on this web page will send data taken from user to a php file (in this case connect.php).



3.The php file where it sends the information will look like this.



A)<?php ….. ?> is the php tag.

B) The filter\_input() function gets an external variable and optionally filters it.

This function is used to validate variables from insecure sources, such as user input.

In this program we take the input and store it in variables $username and $password.

In php, A variable starts with the $ sign, followed by the name of the variable

C)Then we make sure that the username and password provided by user is not empty.

For this we use ,

if (!empty($username)){

if (!empty($password)){

!empty returns true if the variable is not empty and false if its empty.

If the variable is empty then the else clause corresponding to the if clause will be executed.

D)Echo is a basic way to output data on the screen.

E)then we declare 3 more varibles namely $dbusername ,$dbpassword and $dbname.

F)To connect the front end to the backend sql the command used is

$conn = new mysqli ($host, $dbusername, $dbpassword, $dbname);

G) Then we check that the connection was established or not using

if (mysqli\_connect\_error()){

die('Connect Error ('. mysqli\_connect\_errno() .') '

. mysqli\_connect\_error());

}

If the connection is not established then it will terminate the program and print connect error along with the error number.

H) If the connection is established then the else loop will be executed which contains a sql querry stored in a variable .

$sql= "SELECT \* FROM login\_info WHERE compid = '$username' AND password = '$password' ";

I) Then in a new variable the output of this querry is stored .( In this case we tried to find the tuples in table login\_info which have username and password matching to the data entered by user.)

$sql= "SELECT \* FROM login\_info WHERE compid = '$username' AND password = '$password' ";

The mysqli\_query() function performs a query against the database.

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| *connection* | Required. Specifies the MySQL connection to use |
| *query* | Required. Specifies the query string |

J) Then we take the tuples of the query as an associative array, a numeric array, or both.

$check = mysqli\_fetch\_array($result);

K) If there is no tuple in database corresponding to the query then the variable $check will be null,That means that either username or password entered is wrong so it should not provide login but $check is not null then login is provided to the user.

The isset() function return false if testing variable contains a NULL value.

if(isset($check)){

}

This code checks that if $check is empty or not.

L)if isset is not empty ,then

header("location: welcome.php");

session\_register("username");

$\_SESSION['login\_user'] = $username;

exit;

We direct the control to the home page of the website using header(“location: ..")

And we terminate this program using exit.

M)Then we place all the else clause. The first else clause will be executed if the username or password is incorrect.so we echo “failure”.

Then the else clause of empty username and password will be executed.

}else{

echo 'failure';

}

$conn->close();

} }

else{

echo "Password should not be empty";

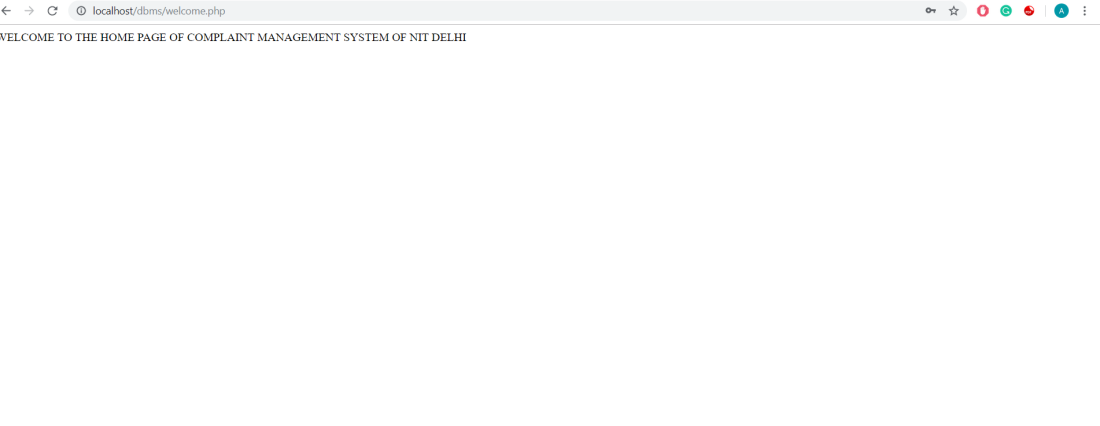
die();

} }

else{

echo "Username should not be empty";

4) then we need to create a webpage called welcome.php where the control will be directed if the login is successful.



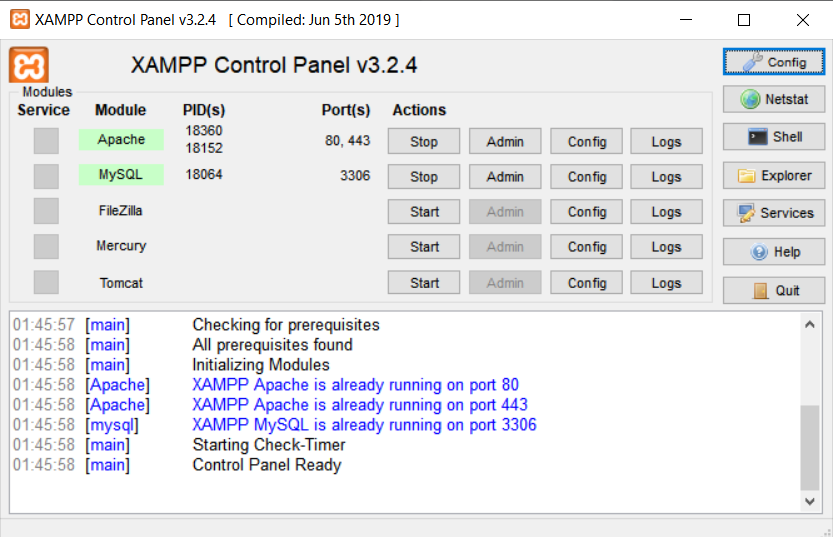
This is my welcome.php.

5) Create a folder of all these files and place it inside the root directory of the xampp server which is by the name htdocs.

C:\xampp\htdocs

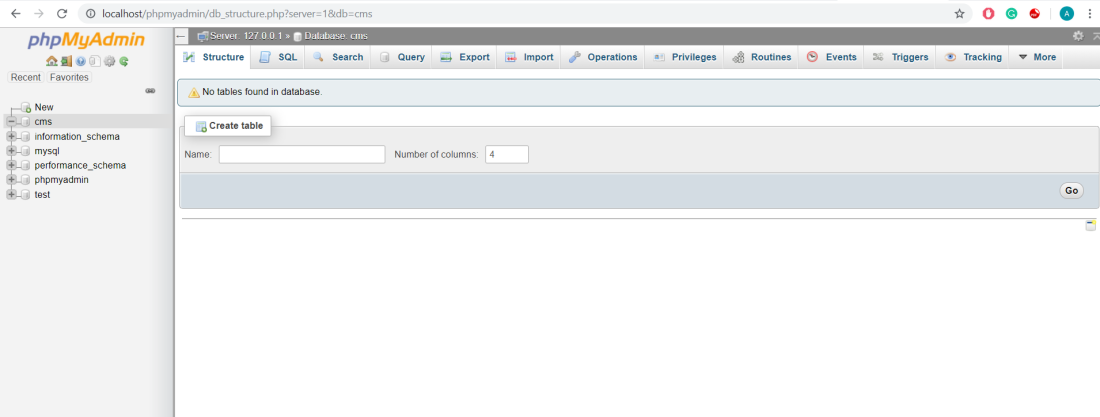
Paste the folder inside this.

6) Open xampp control panel and turn on apache and mysql.



7) Open PHPMyAdmin (http://localhost/phpmyadmin

Create a database with name cms



8)Create a table with name login\_info and attributes

create table login\_info (

compid varchar (10),

password varchar (20) not null,

primary key(compid));

And then populate the database with some values.

insert into login\_info values ('6001','181210001');

insert into login\_info values ('6002','181210002');

insert into login\_info values ('6003','181210003');

insert into login\_info values ('6004','181210004');

insert into login\_info values ('6005','181210005');

insert into login\_info values ('6006','181210006');

insert into login\_info values ('6007','181210007');

insert into login\_info values ('6008','181210008');

insert into login\_info values ('6009','181210009');

insert into login\_info values ('6010','181210010');

insert into login\_info values ('6011','181210011');

insert into login\_info values ('6012','181210012');

insert into login\_info values ('6013','181210013');

insert into login\_info values ('6014','181210014');

insert into login\_info values ('6015','181210015');

insert into login\_info values ('6016','181210016');

insert into login\_info values ('6017','181210017');

insert into login\_info values ('6018','181210018');

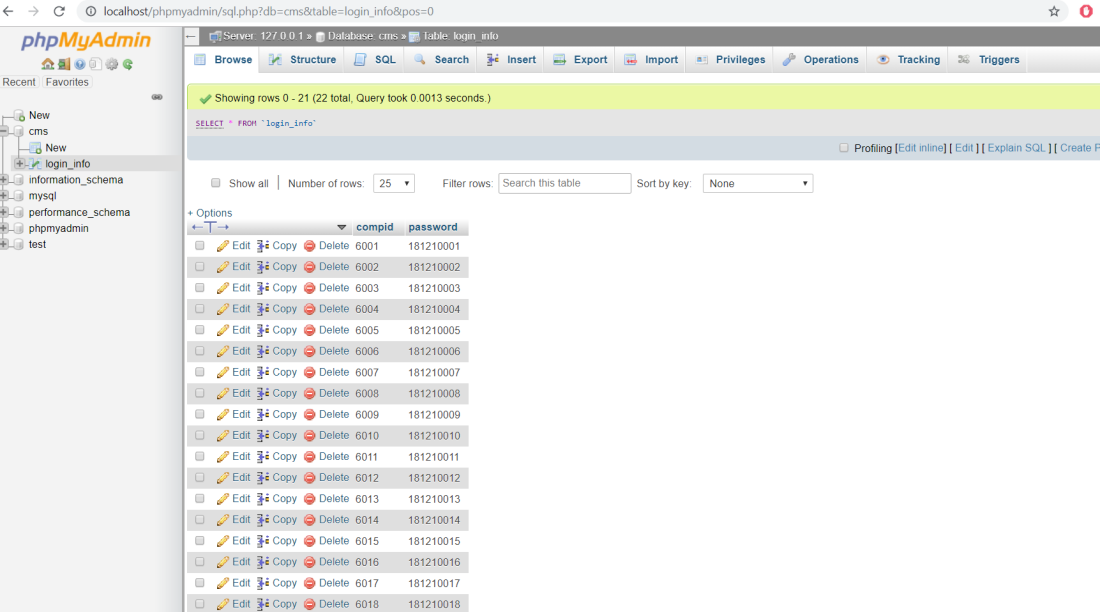
insert into login\_info values ('6019','181210019');

insert into login\_info values ('6020','181210020');

insert into login\_info values ('6021','181210021');

insert into login\_info values ('6022','181210022');

Run these codes on the mysql of phpmyadmin.



The frontend end has been created , backend has been created and they are both connected as well .

Run the script <http://localhost/dbms/page.html>.

Where dbms is the name of folder in which I placed my frontend and placed in htdocs.

Now try entering the data and check if it is working or not.

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BTECH CSE 2ND YEAR