

LAB TASK#11

Lab11.php

```
<!DOCTYPE HTML>
<html>
<head>
<title>Form validation</title>
<link rel="stylesheet" href="index.css">
</head>
<body>
<?php
$servername = "localhost";
$username   = "root";
$password   = "";

//creating connection

$connection = mysqli_connect($servername , $username , $password);

// connection checking :
if(!$connection)
{
    die("connection failed " .mysqli_connect_error());
    echo "<br>";
}
else
{
    echo("Connection Successfull");
    echo "<br>";
}

// creating database :

$sql      = "Create Database dbwebEngineering";
$result   = mysqli_query($connection , $sql);

// Checking db creation

if(!$result)
{
    echo "Database Cannot be created : " .mysqli_connect_error($connection);
    echo "<br>";
}
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else
{
    echo "Database Created Successfully :" ;
    echo "<br>";
}

?>

<?php
echo "<h3> Creating table : </h3>";
$servername = "localhost" ;
$username    = "root";
$password    = "";
$db          = "dbwebEngineering";

$connection = mysqli_connect($servername , $username , $password , $db);
if(!$connection)
{
    die("connection failed " .mysqli_connect_error());
    echo "<br>";

}
else
{
    echo("Connection Successfull With dbwebEngineering : ");
    echo "<br>";

}

$table_01 = "CREATE TABLE Doctor(
    Did INT(2) PRIMARY KEY,
    Dname VARCHAR(30) NOT NULL,
    Speciality VARCHAR(30) NOT NULL,
    email VARCHAR(50)
)";

$result = mysqli_query($connection, $table_01);

if(!$result)
{
    echo "Tables Emp Didn't connected : " .mysqli_connect_error();
}

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        echo "<br>";
    }
    else
    {
        echo "Tables Emp Created Successfully :";
        echo "<br>";
    }

$table_02 = "CREATE TABLE Patient (
PatientId INT(6) UNSIGNED AUTO_INCREMENT PRIMARY KEY,
PatientName VARCHAR(30) NOT NULL,
PatientLName VARCHAR(30) NOT NULL,
phonenummer INT(15),
email VARCHAR(40) NOT NULL,
Gender VARCHAR(4) NOT NULL,
Disease VARCHAR(5)
)";

$check = mysqli_query($connection, $table_02);

if(!$check)
{
    echo "Tables Patient Didn't connected : " .mysqli_connect_error();
    echo "<br>";
}
else
{
    echo "Tables Patient Created Successfully :";
    echo "<br>";
}

?>

<?php
$DnameErr = $PnameErr = $phoneErr = $DiseaseErr = $IDErr = $PemailErr =
$DemailErr = $numberErr = $genderErr = $SpecialityErr = "";
$Dname = $Demail = $Pemail = $gender = $number = $Did = $Pid = $Speciality =
"";
$Disease = $Pname = $Pname_02 = $phone = "" ;

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if ($_SERVER["REQUEST_METHOD"] == "POST") {
if (empty($_POST["Pname"]) || empty($_POST["Pname_02"])) {
$PnameErr = "Name is Mandatory";
}
if (empty($_POST["Dname"])) {
$DnameErr = "Doctor Name is Mandatory";
}

if (empty($_POST["Pid"]) || empty($_POST["Did"]) ) {
$IDErr = "ID is Required";
}
if (empty($_POST["Disease"]) ) {
$DiseaseErr = "Please Mention the Disease";
}

if (empty($_POST["Speciality"]) ) {
$SpecialityErr = "Please Mention the Doctor's Spectiality ";
}


if (empty($_POST["number"])) {
$numberErr = "Phone Number is Required";
}
if (empty($_POST["Pemail"])) {
$PemailErr = "Email is required";
}
else {
$Pemail = test_input($_POST["Pemail"] );
if (!filter_var($Pemail, FILTER_VALIDATE_EMAIL)) {
$PemailErr = "Invalid email format";
}
}

if (empty($_POST["Demail"])) {
$DemailErr = "Email is required";
}
else {
$Demail = test_input($_POST["Demail"] );
if (!filter_var($Demail, FILTER_VALIDATE_EMAIL)) {
$DemailErr = "Invalid email format";
} }

if (empty($_POST["phone"])) {
$phoneErr = "Phone Number is Required";
}
if (empty($_POST["gender"])) {
$genderErr = "Gender is required";
} else {

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$gender = test_input($_POST["gender"]);
}
}
function test_input($data) {
$data = trim($data);
$data = stripslashes($data);
$data = htmlspecialchars($data);
return $data;
}
?>

<h3>Hayatabad Medical Complex</h3>
<h2>Doctors Details</h2>
<form method="post" action="<?php echo
htmlspecialchars($_SERVER["PHP_SELF"]);?>">

Doctor Name: <input type="text" name="Dname"><br>
<span class="error"><?php echo $DnameErr;?></span>
<br><br>
Doctor ID <input type="number" name="Did">
<span class="error"><?php echo $IDErr;?></span>
<br><br>
Speciality<input type="text" name="Speciality">
<span class="error"><?php echo $SpecialityErr;?></span>
<br><br>
Email <input type="text" name="Demail">
<span class="error"><?php echo $DemailErr;?></span>
<br><br>
<h3>Patient Data</h3>
Patient ID: <input type="text" name="Pid">
<span class="error"><?php echo $IDErr;?></span>
Patient Name: <input type="text" name="Pname">
<span class="error"><?php echo $PnameErr;?></span>
Last Name: <input type="text" name="name_02">
<br><br>
Phone Number:<input type="number" name="phone">
<span class="error"><?php echo $phoneErr;?></span>
<br><br>
Email:
<input type="text" name="Pemail">
<span class="error"><?php echo $PemailErr;?></span>
<br><br>
Gender:
<input type="radio" name="gender" value="male"> Male
<input type="radio" name="gender" value="female"> Female
<span class="error"><?php echo $genderErr;?></span>
<br><br>

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Disease:
<input type="text" name="Disease">
<span class="error"><?php echo $DiseaseErr;?></span>

<input type="submit" name="submit" value="Submit">
</form>
<?php

echo "<h2>Doctor Data: </h2>";
echo $Dname;
echo "<br>";
echo $Ddid;
echo "<br>";
echo $Speciality;
echo "<br>";
echo $Demail;
echo "<br>";

echo "<h2>Patient Data: </h2>";
echo $Pid;
echo "<br>";
echo $Pname;
echo "<br>";
echo $Pname_02;
echo "<br>";
echo $phone;
echo "<br>";
echo $Pemail;
echo "<br>";
echo $gender;
echo "<br>";
echo $Disease;
echo "<br>";

echo "<h3> Inserting table Data : </h3>";
$servername = "localhost" ;
$username = "root";
$password = "";
$db = "dbwebEngineering";

$conn = mysqli_connect($servername , $username , $password , $db);
```

```

if(!$connection)
{
    die("connection failed " .mysqli_connect_error());
    echo "<br>";

}
else
{
    echo("Connection Successfull With dbwebEngineering : ");
    echo "<br>";
}

$sql = "INSERT INTO Doctor (Did, Dname, Speciality, email)
VALUES ( '$Did' , '$Dname' , '$Speciality', '$Demail')";

$sql_02 = "INSERT INTO Patient (Patientid, PatientName, PatientLName,
phonenummer, email, Gender , Disease)
VALUES ('$Pid', '$Pname', '$Pname_02', '$phone', '$Pemail', '$gender'
,'$Disease' )";

$insert_01 = mysqli_query($connection, $sql);
$insert_02 = mysqli_query($connection, $sql_02);

if(!$insert_01)
{
    die("connection failed " .mysqli_connect_error());
    echo "<br>";

}
else
{
    echo("Connection Successfull With dbwebEngineering : ");
    echo "<br>";
}

if(!$insert_02)
{
    die("connection failed " .mysqli_connect_error());
    echo "<br>";

}
else
{
    echo("Connection Successfull With dbwebEngineering : ");
    echo "<br>";
}

?>

```

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</body>  
</html>
```