

Team Jupiter

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Answer to the question no 1

There are 3 files need to be included in the database:

Database.php:

```
<?php
$servername='localhost';
$username='root';
$password="";
$dbname = "crud";
$conn=mysqli_connect($servername,$username,$password,"$dbname");
if(!$conn){
    die('Could not Connect My Sql:' .mysql_error());
}
?>
```

Insert.php:

```
<!DOCTYPE html>
<html>
  <body>
    <form method="post" action="process.php">
      Name:<br>
      <input type="text" name="name">
      <br>
      ID:<br>
      <input type="text" name="id">
      <br>
      Age:<br>
      <input type="text" name="age">
      <br>
      Username:<br>
      <input type="username" name="Username">
      <br>
      Password:<br>
      <input type="Password" name="Password">
      <br><br>
      <input type="submit" name="save" value="submit">
    </form>
  </body>
```

</html>

Process.php:

<?php

include_once 'database.php';

if(isset(\$_POST['save']))

{

 \$name = \$_POST['name'];

 \$id = \$_POST['id'];

 \$age = \$_POST['age'];

 \$username = \$_POST['username'];

 \$password = \$_POST['password']

 \$sql = "INSERT INTO employee (name,id,age,username,password)

 VALUES ('\$name','\$id','\$age','\$username','password')";

 if (mysqli_query(\$conn, \$sql)) {

 echo "New record created successfully !";

 } else {

 echo "Error: " . \$sql . "

 " . mysqli_error(\$conn);

 }

 mysqli_close(\$conn);

}

?>

Answer to the question no 2

Write a PHP program to log in the system using session.

PHP program to log in the system using session has been given below:

PHP raw code:

```
<?php
    ob_start();
    session_start();
?>
<?
    // error_reporting(E_ALL);
    // ini_set("display_errors", 1);
?>
<html lang = "en">
    <head>
        <title>mdashif.com</title>
        <link href = "css/bootstrap.min.css" rel = "stylesheet">
    <style>
        body {
            padding-top: 40px;
            padding-bottom: 40px;
            background-color: #ADABAB;
```

```
}
```

```
.form-signin {  
  max-width: 330px;  
  padding: 15px;  
  margin: 0 auto;  
  color: #017572;
```

```
}
```

```
.form-signin .form-signin-heading,
```

```
.form-signin .checkbox {  
  margin-bottom: 10px;
```

```
}
```

```
.form-signin .checkbox {  
  font-weight: normal;
```

```
}
```

```
.form-signin .form-control {  
  position: relative;  
  height: auto;  
  -webkit-box-sizing: border-box;  
  -moz-box-sizing: border-box;  
  box-sizing: border-box;  
  padding: 10px;  
  font-size: 16px;
```

```
}
```

```
.form-signin .form-control:focus {  
  z-index: 2;  
}
```

```
.form-signin input[type="email"] {  
  margin-bottom: -1px;  
  border-bottom-right-radius: 0;  
  border-bottom-left-radius: 0;  
  border-color: #017572;  
}
```

```
.form-signin input[type="password"] {  
  margin-bottom: 10px;  
  border-top-left-radius: 0;  
  border-top-right-radius: 0;  
  border-color: #017572;  
}
```

```
h2{  
  text-align: center;  
  color: #017572;  
}
```

```
</style>
```

</head>

<body>

<h2>Enter Username and Password</h2>

<div class = "container form-signin">

<?php

\$msg = "";

if (isset(\$_POST['login']) && !empty(\$_POST['username'])
&& !empty(\$_POST['password'])) {

if (\$_POST['username'] == 'ashif' &&

\$_POST['password'] == '1234') {

\$_SESSION['valid'] = true;

\$_SESSION['timeout'] = time();

\$_SESSION['username'] = 'ashif';

echo 'You have entered valid use name and password';

}else {

\$msg = 'Wrong username or password';

}

}

?>

```
</div> <!-- /container -->
```

```
<div class = "container">
```

```
<form class = "form-signin" role = "form"
```

```
  action = "<?php echo htmlspecialchars($_SERVER['PHP_SELF']);
```

```
?>" method = "post">
```

```
<h4 class = "form-signin-heading"><?php echo $msg; ?></h4>
```

```
<input type = "text" class = "form-control"
```

```
  name = "username" placeholder = "username = ashif"
```

```
  required autofocus></br>
```

```
<input type = "password" class = "form-control"
```

```
  name = "password" placeholder = "password = 1234" required>
```

```
<button class = "btn btn-lg btn-primary btn-block" type = "submit"
```

```
  name = "login">Login</button>
```

```
</form>
```

```
Click here to clean <a href = "logout.php" tite = "Logout">Session.
```

```
</div>
```

```
</body>
```

```
</html>
```


Output:

Enter Username and Password

username = ashif

password = 1234 Login

Click here to clean [Session.](#)

Answer to the question no 3

Home page:

Add the html5 webpage:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
  </head>
</html>
```

The basic part for creating homepage:

```
<div class="jumbotron text-center">
  <h1>Daffodil International University</h1>
  <p>Resize this responsive page to see the effect!</p>
</div>
```

```

<div class="container">
  <div class="row">
    <div class="col-sm-4">
      <h3>Home</h3>
      <p>This is the home page of DIU</p>
    </div>
    <div class="col-sm-4">
      <h3>About</h3>
      <p>The description of DIU has been described here</p>
    </div>
    <div class="col-sm-4">
      <h3>Teacher Info</h3>
      <p>Our honorable teacher's information has been given here</p>
    </div>
    <div class="col-sm-4">
      <h3>Notice Board</h3>
      <p>Here is the announcement for </p>
    </div>
  </div>
</div>

```

Answer to the question no 4

PHP Program to see user registration information from database:

```

<?php
$servername = "localhost";
$username = "username";
$password = "password";
$dbname = "mariaDB";

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);
// Check connection
if ($conn->connect_error) {

```

```

    die("Connection failed: " . $conn->connect_error);
}

$sql = "SELECT id, firstname, lastname FROM MyCustomers";
$result = $conn->query($sql);

if ($result->num_rows > 0) {
    // output data of each row
    while($row = $result->fetch_assoc()) {
        echo "id: " . $row["id"]. " - Name: " . $row["firstname"]. " " .
        $row["lastname"]. "<br>";
    }
} else {
    echo "0 results";
}
$conn->close();
?>

```

PHP Program to delete a user from the table individually:

Suppose, we want to delete data from id no 3 so that the code will be:

```

<?php
$servername = "localhost";
$username = "username";
$password = "password";
$dbname = "ariaDB";

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);
// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

// sql to delete a record

```

```
$sql = "DELETE FROM MyCustomers WHERE id=3";
```

```
if ($conn->query($sql) === TRUE) {  
    echo "Record deleted successfully";  
} else {  
    echo "Error deleting record: " . $conn->error;  
}
```

```
$conn->close();
```

```
?>
```

Answer to the question no 5

PHP Program to see user information from Database:

```
<?php  
$servername = "localhost";  
$username = "username";  
$password = "password";  
$dbname = "ariaDB";  
  
// Create connection  
$conn = new mysqli($servername, $username, $password, $dbname);  
// Check connection  
if ($conn->connect_error) {  
    die("Connection failed: " . $conn->connect_error);  
}  
  
$sql = "SELECT id, firstname, lastname FROM MyCustomers";  
$result = $conn->query($sql);  
  
if ($result->num_rows > 0) {  
    // output data of each row  
    while($row = $result->fetch_assoc()) {
```

```

        echo "id: " . $row["id"]. " – Name: " . $row["firstname"]. " " .
        $row["lastname"]. "<br>";
    }
} else {
    echo "0 results";
}
$conn->close();
?>

```

PHP Program to edit data individually of a user:

Suppose, we want to edit data of an individual user of id no 2 so that the code will be:

```

<?php
$servername = "localhost";
$username = "username";
$password = "password";
$dbname = "ariaDB";

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);
// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

$sql = "UPDATE MyGuests SET lastname='Doe' WHERE id=3";

if ($conn->query($sql) === TRUE) {
    echo "Record updated successfully";
} else {
    echo "Error updating record: " . $conn->error;
}

$conn->close();
?>

```

Answer to the question no 6

For signup option connecting along with database:

```
<!DOCTYPE HTML>
<html>
<head>
<title>Signing up for new users </title>
<script language="javascript">
function check()
{

if(document.form1.pass.value=="")
{
    alert("Please Enter Your Password");
    document.form1.pass.focus();
    return false;
}
if(document.form1.cpass.value=="")
{
    alert("Please Enter Password for confirmation");
    document.form1.cpass.focus();
    return false;
}
if(document.form1.pass.value!=document.form1.cpass.value)
{
    alert("Confirm Password does not matched");
    document.form1.cpass.focus();
    return false;
}
if(document.form1.name.value=="")
{
    alert("Enter Your Name");
    document.form1.name.focus();
    return false;
}
if(document.form1.address.value=="")
```

```

{
    alert("Enter Address");
    document.form1.address.focus();
    return false;
}
if(document.form1.city.value=="")
{
    alert("Enter City Name");
    document.form1.city.focus();
    return false;
}
if(document.form1.phone.value=="")
{
    alert("Enter your Contact Number");
    document.form1.phone.focus();
    return false;
}
if(document.form1.email.value=="")
{
    alert("Enter your Email Address");
    document.form1.email.focus();
    return false;
}
e=document.form1.email.value;
f1=e.indexOf('@');
f2=e.indexOf('@',f1+1);
e1=e.indexOf('.');
e2=e.indexOf('.',e1+1);
n=e.length;

if(!(f1>0 && f2== -1 && e1>0 && e2== -1 && f1!=e1+1 &&
e1!=f1+1 && f1!=n-1 && e1!=n-1))
{
    alert("Enter your valid Email");
    document.form1.email.focus();
    return false;
}

return true;
}

```

```
</script>
<link href="style.css" rel="stylesheet" type="text/css">
</head>

<body>
<center>
<div class="floating-box">
<form name="form1" method="post" action="signupuser.php" onSubmit="return
check();" >

    <label for=""> Username</label>
    <input type="text" id="name" name="user_id"><br><br>
    <label for=""> Password</label>
    <input type="password" id="login" name="login"><br><br>

    <label for=""> Confirm </label>
    <input type="password" id="pass" name="pass"><br><br>
    <label for="uname">Name</label>
    <input type="text" id="name" name="name"><br><br>

    <label for="uname">Email id</label>
    <input type="text" id="email" name="email"><br><br>

    <input type="submit" name="submit" value="Signup">
    <p>Already Register <a href="index.php">Login here</a></p>

</form>
</div>
</center>

</body>
</html>
```


PHP Program for sign in page:

```
<?php
include("database.php");
extract($_POST);

if(isset($submit))
{
    $rs=mysqli_query($conn,"select * from user where username='$username'
and pass='$pass'");
    if(mysqli_num_rows($rs)<1)
    {
        $found="N";
    }
    else
    {
        $_SESSION["Signin"]=$username;
    }
}
if (isset($_SESSION["Signin"]))
{
    echo "<h1 align=center>Hye you are sucessfully sign in!!!</h1>";
    exit;
}
?>
<!DOCTYPE html>
<html>
<head>
<title>Login</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="style.css">
</head>
<body>
<center>
<div class="floating-box">

<form name="form1" method="post">
```

```

<label for="uname">User Name</label>
<input type="text" id="loginid2" name="username"><br><br>

<label for="pwd">Password</label>
<input type="password" id="pass2" name="pass"><br><br>
<input name="submit" type="submit" id="submit" value="Sign in"><br>

<p>New User <a href="signup.php">Register Here</a></p>
<?php
    if(isset($found))
    {
        echo '<p class="w3-center w3-text-red">Invalid user id or
password<br><a href="index.php">Please try again</p>';
    }
?>

</center>
</form>

</div>
<center>
</body>
</html>

```

Answer to the question no 7

PHP Script to generate unique random number in range:

```

<?php
$m = range (11,20);
shuffle($m);
for ($x=0; $x< 10; $x++)
{
echo $m[$x].' ';
}
echo "\n"
?>

```

Output:

```
← → ↻ ⓘ localhost/lab%20final/code.php
13 20 18 14 11 12 19 17 16 15
```

Answer to the ques no 8

PHP Script to print “second” and red from the following array:

```
<?php
$color = array ( "color" => array ( "a" => "Red", "b" => "Green", "c" => "White"),
"numbers" => array ( 1, 2, 3, 4, 5, 6 ),
"holes" => array ( "First", 5 => "Second", "Third"));
echo $color["holes"][5]."\n";//prints "second"
echo $color["color"]["a"]."\n";//prints "Red"
?>
```

Output:

```
← → ↻ ⓘ localhost/lab%20final/code.php
Second Red
```

Answer to the question no 9

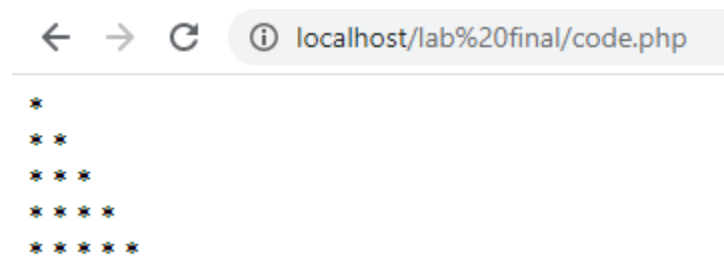
```
<?php
for ($i=1; $i<=5; $i++)
{
for($j=1;$j<=$i;$j++)
{
echo " * ";
```

```

}
echo "<br/>";
}
?>

```

Output:



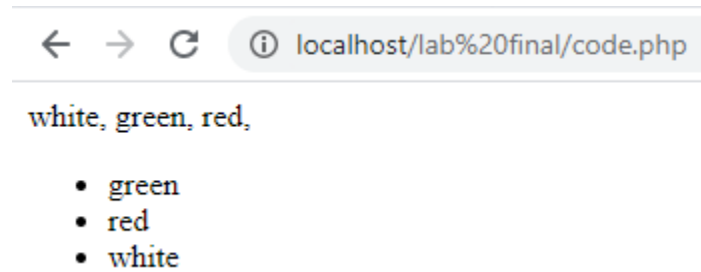
Answer to the question no 10

```

<?php
$color = array('white', 'green', 'red');
foreach ($color as $m)
{
echo "$m, ";
}
sort($color);
echo "<ul>";
foreach ($color as $n)
{
echo "<li>$n</li>";
}
echo "</ul>";
?>

```

Output:



Answer to the question no 11

HTML5 code for registration form:

```
<html>
  <head>
    <title>Registration Form</title>
  </head>
  <body>
    <link href = "registration.css" type = "text/css" rel = "stylesheet" />
    <h2>Sign Up</h2>
    <form name = "form1" action="modified.php" method = "post" enctype =
"multipart/form-data" >
      <div class = "container">
        <div class = "form_group">
          <label>First Name:</label>
          <input type = "text" name = "fname" value = "" required/>
        </div>
        <div class = "form_group">
          <label>Middle Name:</label>
```

```
        <input type = "text" name = "mname" value = "" required />
    </div>
    <div class = "form_group">
        <label>Last Name:</label>
        <input type = "text" name = "lname" value = "" required/>
    </div>
    <div class = "form_group">
        <label>Password:</label>
        <input type = "password" name = "pwd" value = "" required/>
    </div>
</div>
</form>
</body>
</html>
```

CSS code for style sheets:

```
.container {
    max-width: 1350px;
    width: 100%;
    margin: 50px;
    height: auto;
    display: block;
}
```

```
body {  
  color: #8A2BE2;  
  font-size: 20px;  
  font-family: Verdana, Arial, Helvetica, monospace;  
  background-color: #F0E8A0;  
}
```

```
h2 {  
  text-align: center;  
}
```

```
.form_group {  
  padding: 10px;  
  ;  
  display: block;  
}
```

```
label {  
  float: left;  
  padding-right: 50px;  
  line-height: 10%;  
  display: block;  
  width: 208px;  
}
```

PHP form to connect with database:

```
<?php
```

```
    $servername = "localhost";
```

```
    $username = "root";
```

```
    $password = "";
```

```
    $conn = mysql_connect ($servername , $username , $password) or die("unable  
to connect to host");
```

```
    $sql = mysql_select_db ('test',$conn) or die("unable to connect to database");
```

```
?>
```