

THIẾT KẾ WEB – ASSIGNMENT 06

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A01_1.html

```
<!DOCTYPE html>
<html>
<head>
  <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
  <title>A01_1</title>
  <script src="../jQuery/jquery-3.6.0.js"></script>
  <link href="A01_1.css" rel="stylesheet" type="text/css" />
  <script>
    $(function() {
      $("button").click(function() {
        var timeHr = $("#InputTime").val();
        var str;
        if (0 >= timeHr)
          str = "Giờ bạn nhập chưa hợp lệ. Vui lòng nhập giờ trong phạm
vi từ 0 - 23.";
        else
          if (timeHr <= 12)
            str = "Chào buổi sáng!";
          else
            if (timeHr <= 17)
              str = "Chào buổi chiều!";
            else
              if (timeHr <= 23)
                str = "Chào buổi tối!";
              else
                str = "Giờ bạn nhập chưa hợp lệ. Vui lòng nhập
giờ trong phạm vi từ 0 - 23.";
            document.getElementById("HelloDiv").innerHTML = str;
          });
      });
    </script>
  </head>
  <body>
    <div id="title"> CHÀO THEO GIỜ </div>
    <div id="InputDiv">
      <span> Nhập giờ: </span> &nbsp;
      <input type="text" id="InputTime"/>
    </div>
    <div id="HelloDiv"></div>
    <div id="button">
      <button> Chào </button>
    </div>
  </body>
</html>
```

A01_1.css

```
@charset "utf-8";

body {
    width: 400px;
    padding: 0;
    margin: 0 auto;
    font-family: Verdana, Geneva, Tahoma, sans-serif;
}

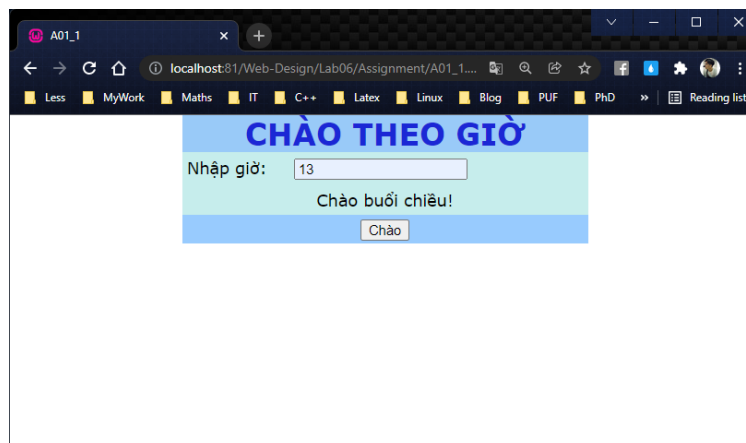
#title {
    background-color: #99CAF8;
    text-align: center;
    font-weight: bolder;
    color: #1B27D5;
    font-size: 30px;
}

#InputDiv {
    background-color: #C6EDEC;
    padding: 5px;
}

#HelloDiv {
    text-align: center;
    background-color: #C6EDEC;
    padding: 5px;
}

#button {
    background-color: #98CBFE;
    text-align: center;
    padding: 3px;
}
```

Result



A01_2.html

```
<!DOCTYPE html>
<html>
<head>
  <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
  <title>A01_2</title>
  <link href='https://fonts.googleapis.com/css?family=Sriracha'
rel='stylesheet'>
  <script src="../../jQuery/jquery-3.6.0.js"></script>
  <link href="A01_2.css" rel="stylesheet" type="text/css" />
  <script>
    $(function() {
      $("button").click(function() {
        var radius = $("#radius").val();
        var area, diameter;
        area = Math.pow(radius, 2) * Math.PI;
        diameter = 2 * Math.PI * radius;
        document.getElementById("area").value = area;
        document.getElementById("diameter").value = diameter;
      })
    })
  </script>
</head>
<body>
  <div id="title"> DIỆN TÍCH và CHU VI<br>HÌNH TRÒN </div>
  <table id="main">
    <tr>
      <td id="item"> Bán kính: </td>
      <td id="content"> <input id="radius" type="text"> </td>
    </tr>
    <tr>
      <td> Diện tích: </td>
      <td> <input id="area" type="text" readonly="readonly"> </td>
    </tr>
    <tr>
      <td> Chu vi: </td>
      <td> <input id="diameter" type="text" readonly="readonly"> </td>
    </tr>
    <tr>
      <td colspan="2" id="calcell"> <button id="cal"> Tính </button> </td>
    </tr>
  </table>
</body>
</html>
```

A01_2.css

```
@charset "utf-8";
```

```
body {
    width: 470px;
    margin: 0 auto;
    padding: 0;
    font-family: Verdana, Geneva, Tahoma, sans-serif;
}

#title {
    background-color: #FDCB68;
    font-family: 'Sriracha';
    text-align: center;
    font-size: 35px;
    line-height: 1.2;
    color: #A34C04;
}

#main {
    width: 100%;
    padding: 0 5px;
    background-color: #FEEBCA;
}

#item {
    width: 40%;
}

tr, td, input, button {
    padding: 5px;
}

#calcell {
    text-align: center;
}

input#area, input#diameter {
    background-color: #F7CECE;
}
```

Result


```

    })
  </script>
</head>
<body>
  <table id="container">
    <tr id="title">
      <td colspan="2"> PHÁT SINH MẢNG VÀ TÍNH TOÁN </td>
    </tr>
    <tr>
      <td id="left_1"> Nhập số phần tử: </td>
      <td id="right_1"> <input id="inputCell" type="text"> </td>
    </tr>
    <tr>
      <td id="left_2"></td>
      <td id="right_2"> <button id="cal"> Phát sinh và tính toán </button>
    </td>
    </tr>
    <tr>
      <td id="left"> Mảng: </td>
      <td id="right"> <input id="array" type="text" readonly="readonly">
    </td>
    </tr>
    <tr>
      <td id="left"> GTLN (MAX) trong mảng: </td>
      <td id="right"> <input id="maxValue" type="text" readonly="readonly">
    </td>
    </tr>
    <tr>
      <td id="left"> GTNN (MIN) trong mảng: </td>
      <td id="right"> <input id="minValue" type="text" readonly="readonly">
    </td>
    </tr>
    <tr>
      <td id="left"> Tổng mảng: </td>
      <td id="right"> <input id="sum" type="text" readonly="readonly">
    </td>
    </tr>
    <tr>
      <td colspan="2" id="noteDiv"> (<span id="note">Ghi chú:</span> Các
phần tử trong mảng sẽ có giá trị từ 0 đến 20) </td>
    </tr>
  </table>
</body>
</html>

```

A01_3.css

```
@charset "utf-8";
```

```
body {
```

```
width: 650px;
padding: 0;
margin: 0 auto;
font-family: Verdana, Geneva, Tahoma, sans-serif;
}

#container {
  background-color: #FEECF8;
  width: 100%;
}

tr {
  margin: 5px;
  padding: 3px;
}

#title {
  background-color: #980065;
  font-family: 'Sriracha';
  text-align: center;
  font-size: 35px;
  color: white;
  padding: 0;
  margin: 0;
}

#left, #left_1, #left_2 {
  width: 40%;
  padding: 5px 10px;
}

#right, #right_1, #right_2 {
  padding: 3px;
}

#left_1, #left_2, #right_1, #right_2 {
  background-color: #FDCDE7;
}

input {
  height: 23px;
  font-size: 16px;
}

#cal {
  font-size: 17px;
  padding: 3px;
  text-align: center;
  background-color: #FEFC96;
  width: 220px;
```

```

}

#inputCell {
    width: 250px;
}

#array {
    width: 330px;
    background-color: #FE969B;
}

#maxValue, #minValue, #sum {
    background-color: #FE969B;
}

#noteDiv {
    text-align: center;
    padding: 5px;
}

#note {
    color: #CF174B;
    font-weight: bold;
}

```

Result

PHÁT SINH MẢNG VÀ TÍNH TOÁN

Nhập số phần tử:

Mảng:

GTLN (MAX) trong mảng:

GTNN (MIN) trong mảng:

Tổng mảng:

(Ghi chú: Các phần tử trong mảng sẽ có giá trị từ 0 đến 20)

A02.php

```

<!DOCTYPE html>
<html>
<head>
    <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
    <title> A02 </title>
    <link href="A02.css" rel="stylesheet" type="text/css" />
    <?php

```



```

// define variables and set to empty values
$nameErr = $emailErr = $genderErr = "";
$nameStyle = $emailStyle = $genderStyle = "";
$name = $email = $gender = $website = $comment = "";

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    if (empty($_POST["name"])) {
        $nameErr = "Name is required";
        $nameStyle='style="background-color: #FDECB2;";'
    } else {
        $name = test_input($_POST["name"]);
    }

    if (empty($_POST["email"])) {
        $emailErr = "Email is required";
        $emailStyle='style="background-color: #FDECB2;";'
    } else {
        $email = test_input($_POST["email"]);
    }

    if (empty($_POST["website"])) {
        $website = "";
    } else {
        $website = test_input($_POST["website"]);
    }

    if (empty($_POST["comment"])) {
        $comment = "";
    } else {
        $comment = test_input($_POST["comment"]);
    }

    if (empty($_POST["gender"])) {
        $genderErr = "Gender is required";
        $genderStyle='style="background-color: #FDECB2;";'
    } else {
        $gender = test_input($_POST["gender"]);
    }
}

function test_input($data) {
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
}

?>
</head>
<body>
    <div id="container">

```

```

<h2> PHP Form Validation Example </h2>
<p><span class="error"> * require field. </span></p>
<form method="post" action="<?php echo
htmlspecialchars($_SERVER['PHP_SELF']);?>">
    <div id="row-name" <?php echo $nameStyle; ?>>
        <div id="col1"> Name: </div>
        <div id="col2">
            <input type="text" name="name"/>
            <span class="error">* <?php echo $nameErr;?></span>
        </div>
    </div>
    <div id="row-email" <?php echo $emailStyle; ?>>
        <div id="col1"> Email: </div>
        <div id="col2">
            <input type="text" name="email"/>
            <span class="error">* <?php echo $emailErr;?></span>
        </div>
    </div>
    <div id="row-website">
        <div id="col1"> Website: </div>
        <div id="col2">
            <input type="text" name="website"/>
        </div>
    </div>
    <div id="row-cmt">
        <div id="col1"> Comment: </div>
        <div id="col2" class="cmt">
            <textarea name="comment" rows="5" cols="40"></textarea>
        </div>
    </div>
    <div id="row-gender" <?php echo $genderStyle; ?>>
        <div id="col1"> Gender: </div>
        <div id="col2">
            <input type="radio" name="gender" value="female"> Female
            <input type="radio" name="gender" value="male"> Male
            <span class="error">* <?php echo $genderErr;?></span>
        </div>
    </div>
    <div id="row">
        <div id="col1"></div>
        <div id="col2">
            <input type="submit" name="submit" value="Submit">
        </div>
    </div>
</form>
</div>
<?php
    echo "<h3> Your Input: </h3>";
    echo "<table>
        <tr>

```

```

        <td id='col1'> Name: </td>
        <td>";
    echo $name;
    echo "</td> </tr> <tr>
        <td id='col'> Email: </td> <td>";
    echo $email;
    echo "</td> </tr> <tr>
        <td id='col'> Website: </td> <td>";
    echo $website;
    echo "</td> </tr> <tr>
        <td id='col'> Comment: </td> <td>";
    echo $comment;
    echo "</td> </tr> <tr>
        <td id='col'> Gender: </td> <td>";
    echo $gender;
    echo "</td> </tr> </table>";
?>
</body>
</html>

```

A02.css

```

@charset "utf-8";

body {
    font-family: sans-serif;
}
h2 {
    text-align: center;
}
.error {color: #FF0000;}

#container {
    width: 500px;
    margin: 0 auto;
    padding: 0;
}

form {
    display: table;
}

#row, #row-name, #row-email, #row-website, #row-cmt, #row-gender {
    display: table-row;
    padding: 10px;
}

#col1 {
    display: table-cell;
    width: 30%;
}

```

```
padding: 8px 10px;
}

#col2 {
display: table-cell;
}

input {
height: 18px;
}

.cmt {
padding: 8px 0;
}

#col {
width: 50px;
}
```

Result

PHP Form Validation Example

* require field.

Name: * Name is required

Email: * Email is required

Website:

Comment:

Gender: ☐ Female ☐ Male * Gender is required

Your Input:

Name:

Email:

Website:

Comment:

Gender:

PHP Form Validation Example

* require field.

Name:

Email:

Website:

Comment:

Gender: ☐ Female ☐ Male

Your Input:

Name: Dinh Anh Huy

Email: anhhuymus@gmail.com

Website:

Comment:

Gender: male

A03.html

```
<!DOCTYPE html>
<html>
<head>
  <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
  <title>A03</title>
  <script src="../jQuery/jquery-3.6.0.js"></script>
  <link href="A03.css" rel="stylesheet" type="text/css"/>
  <script>
    function ConnectToMySQL() {
      var ConnectType = "ConnectToMySQL";
      if (window.XMLHttpRequest) {
        // code for IE7+, Firefox, Chrome, Opera, Safari
        xmlhttp = new XMLHttpRequest();
      } else { // code for IE6, IE5
```

```

        xmlhttp = new XMLHttpRequest("Microsoft.XMLHTTP");
    }
    xmlhttp.onreadystatechange = function() {
        if (this.readyState == 4 && this.status == 200) {
            document.getElementById("AccountDiv").innerHTML =
this.responseText;
        }
    }
    xmlhttp.open("GET", "ConnectType.php?ConnectType=" + ConnectType,
true);
    xmlhttp.send();
}

var obj = {"table": "account", "ID": "", "FirstName": "", "LastName": "",
"Email": ""};

function Search(ele) {
    $var = $("#sr"+ele).val();
    var dbParam, xmlhttp, myObj, x, txt = "";
    obj[ele] = "%" + $var + "%";
    dbParam = JSON.stringify(obj);
    if (window.XMLHttpRequest) {
        // code for IE7+, Firefox, Chrome, Opera, Safari
        xmlhttp = new XMLHttpRequest();
    } else { // code for IE6, IE5
        xmlhttp = new XMLHttpRequest("Microsoft.XMLHTTP");
    }
    xmlhttp.onreadystatechange = function() {
        if (this.readyState == 4 && this.status == 200) {
            document.getElementById("AccountDiv").innerHTML =
this.responseText;
        }
    };
    xmlhttp.open("GET", "Search.php?search=" + dbParam, true);
    xmlhttp.send();
}

</script>
</head>
<body>
    <form method="post">
        <input type="button" value="Connect to MySQL" onclick="ConnectToMySQL()">
<br/>
    </form>
<br/>
    <table id="table-data">
        <thead>
            <tr>

```

```

        <th id="ID">ID <input id="srID" type="text" placeholder="ID.."
onkeyup="Search('ID')"></th>
        <th id="FirstName">Firstname <input id="srFirstName" type="text"
placeholder="First name.." onkeyup="Search('FirstName')"></th>
        <th id="LastName">Lastname <input id="srLastName" type="text"
placeholder="Last name.." onkeyup="Search('LastName')"></th>
        <th id="Email">Email <input id="srEmail" type="text"
placeholder="Email.." onkeyup="Search('Email')"></th>
    </tr>
</thead>
<tbody id="AccountDiv"></tbody>
</table>
</body>
</html>

```

A03.css

```

@charset "utf-8";

table {
    font-family: arial, sans-serif;
    border-collapse: collapse;
    width: 100%;
}

td, th {
    border: 1px solid #dddddd;
    text-align: left;
    padding: 8px;
}

tr:nth-child(even) {
    background-color: #dddddd;
}

input {
    border: 3px solid #7F7F7F;
}

#ID {
    width: 100px;
}

#FirstName, #LastName {
    width: 260px;
}

#srID {
    width: 60px;
}

```

```
#srFirstName, #srLastName {
    width: 65%;
}

#srEmail {
    width: 70%;
}
```

Search.php

```
<?php
    header("Content-Type: application/json; charset=UTF-8");
    $obj = json_decode($_GET["search"], false);

    $servername = "localhost";
    $username = "root";
    $password = "";
    $dbname = "accountinfo";

    //Create connection
    $conn = new mysqli($servername, $username, $password, $dbname);

    //Check connection
    if ($conn->connect_error) {
        echo "Connection to MySQL could not be established.<br/>";
        die("Connection failed: " . $conn->connect_error);
    } else {
        $querystr = "SELECT ID, FirstName, LastName, Email FROM " . $obj->table;
        $id = 0; $fn = 0; $ln = 0;
        if ($obj->ID != "" || $obj->FirstName != "" || $obj->LastName != "" ||
$obj->Email != "") {
            $querystr = $querystr . " WHERE";
            if ($obj->ID != "") {
                $querystr = $querystr . " ID LIKE '" . $obj->ID . "'";
                $id = 1;
            }
            if ($obj->FirstName != "") {
                if ($id == 1)
                    $querystr = $querystr . " AND";
                $querystr = $querystr . " FirstName LIKE '" . $obj->FirstName .
"";

                $fn = 1;
            }
            if ($obj->LastName != "") {
                if ($fn == 1 || $id == 1)
                    $querystr = $querystr . " AND";
                $querystr = $querystr . " LastName LIKE '" . $obj->LastName .
"";

                $ln = 1;
            }
        }
    }
}
```

```

    }
    if ($obj->Email != "") {
        if ($ln == 1 || $id == 1 || $fn == 1)
            $querystr = $querystr . " AND";
        $querystr = $querystr . " Email LIKE '" . $obj->Email . "'";
    }
}
$result = $conn->query($querystr);
while ($row = $result->fetch_assoc()) {
    echo "<tr>";
    echo "<td id='ID'>" . $row['ID'] . "</td>";
    echo "<td id='FirstName'>" . $row['FirstName'] . "</td>";
    echo "<td id='LastName'>" . $row['LastName'] . "</td>";
    echo "<td id='Email'>" . $row['Email'] . "</td>";
    echo "</tr>";
}
}
?>

```

ConnectType.php

```

<!DOCTYPE html>
<html>
<head>
    <link href="Demo05.css" rel="stylesheet" type="text/css"/>
</head>

<body>
    <?php
        $Type = $_GET['ConnectType'];
        if(strcmp($Type, 'ConnectToMySQL') == 0)
        {
            $servername = "localhost";
            $username = "root";
            $password = "";
            $dbname = "accountinfo";

            // Create connection
            $conn = new mysqli($servername, $username, $password, $dbname);

            // Check connection
            if ($conn->connect_error) {
                echo "Connection to MySQL could not be established. <br/><br/>";
                die("Connection failed: " . $conn->connect_error);
            }
        }

        $sql = "SELECT FirstName, LastName, Email, ID FROM account";
        $result = $conn->query($sql);
    }

```



```

while ($row = $result->fetch_assoc()) {
    echo "<tr>";
    echo "<td id='ID'>" . $row['ID'] . "</td>";
    echo "<td id='FirstName'>" . $row['FirstName'] . "</td>";
    echo "<td id='LastName'>" . $row['LastName'] . "</td>";
    echo "<td id='Email'>" . $row['Email'] . "</td>";
    echo "</tr>";
}
mysqli_close($conn);
?>
</body>
</html>

```

Result

Connect to MySQL

ID	Firstname	Lastname	Email
1	John	Doe	john@example.com
2	Mary	Moe	mary@mail.com
3	July	Dooley	july@greatstuff.com
4	Anja	Ravendale	a_r@test.com

Connect to MySQL

ID	Firstname	Lastname	Email
3	July	Dooley	july@greatstuff.com