

Experiment No: 01

Experiment Name: Develop a Client Side Dynamic Webpage using JQuery.

jQuery Effects - Hide and Show:

code:

```
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
<script>
$(document).ready(function(){
    $("#hide").click(function(){
        $("p").hide();
    });
    $("#show").click(function(){
        $("p").show();
    });
});
</script>
</head>
<body>

<p>If you click on the "Hide" button, I will disappear.</p>

<button id="hide">Hide</button>
<button id="show">Show</button>

</body>
</html>
```

Output:

If you click on the "Hide" button, I will disappear.

Hide Show

jQuery remove() Method:

code:

```
<!DOCTYPE html>
<html>
<head>
```

```

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
<script>
$(document).ready(function(){
    $("button").click(function(){
        $("#div1").remove();
    });
});
</script>
</head>
<body>

<div id="div1" style="height:100px;width:300px;border:1px solid black;background-
color:yellow;">

This is some text in the div.
<p>This is a paragraph in the div.</p>
<p>This is another paragraph in the div.</p>

</div>

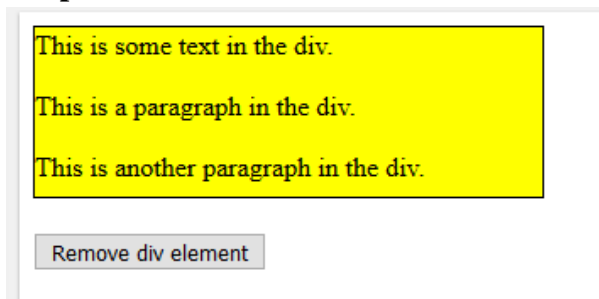
<br>

<button>Remove div element</button>

</body>
</html>

```

Output:



jQuery addClass() Method:

code:

```

<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
<script>

```

```
$(document).ready(function(){
    $("button").click(function(){
        $("h1, h2, p").addClass("blue");
        $("div").addClass("important");
    });
});
</script>
<style>
.important {
    font-weight: bold;
    font-size: xx-large;
}

.blue {
    color: blue;
}
</style>
</head>
<body>

<h1>Heading 1</h1>
<h2>Heading 2</h2>

<p>This is a paragraph.</p>
<p>This is another paragraph.</p>

<div>This is some important text!</div><br>

<button>Add classes to elements</button>

</body>
</html>
```

Output:

Heading 1

Heading 2

This is a paragraph.

This is another paragraph.

This is some important text!

Add classes to elements

jQuery Sliding Methods:

code:

```
<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
<script>
$(document).ready(function(){
    $("#flip").click(function(){
        $("#panel").slideDown("slow");
    });
});
</script>

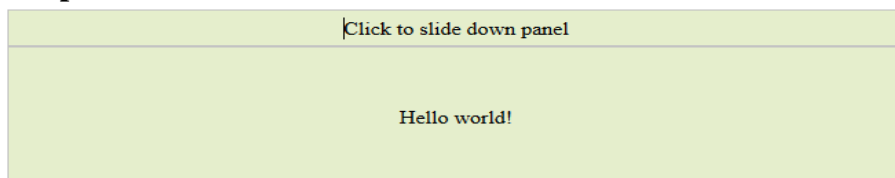
<style>
#panel, #flip {
    padding: 5px;
    text-align: center;
    background-color: #e5eccc;
    border: solid 1px #c3c3c3;
}

#panel {
    padding: 50px;
    display: none;
}
</style>
</head>
<body>

<div id="flip">Click to slide down panel</div>
<div id="panel">Hello world!</div>

</body>
</html>
```

Output:



Experiment No: 02

Experiment Name: Separate the model, view, and Controller layers of an application (and implement those using Angular JS).

AngularJS model:

Create a model:

Code:

```
<!DOCTYPE html>
<html>
<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.min.js"></script>
<body>

<div ng-app="myApp" ng-controller="myCtrl">
Name: <input ng-model="name">
</div>

<script>
var app = angular.module('myApp', []);
app.controller('myCtrl', function($scope) {
    $scope.name = "John Doe";
});
</script>

<p>Use the ng-model directive to bind the value of the input field to a property made in the
controller.</p>

</body>
</html>
```

Output:

Name:

Use the ng-model directive to bind the value of the input field to a property made in the controller.

AngularJS Forms:

Code:

```
<!DOCTYPE html>
<html lang="en">
<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.min.js"></script>
```

```
<body>

<div ng-app="myApp" ng-controller="formCtrl">
  <form>
    First Name: <input type="text" ng-model="firstname">
  </form>
</div>

<script>
var app = angular.module('myApp', []);
app.controller('formCtrl', function($scope) {
  $scope.firstname = "John";
});
</script>

</body>
</html>
```

Output:

First Name:

AngularJS Filters:

Code:

```
<!DOCTYPE html>
<html>
<script
src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.min.js"></script>
<body>

<div ng-app="myApp" ng-controller="personCtrl">

<p>The name is {{ lastName | uppercase }}</p>

</div>

<script>
```

```
angular.module('myApp', []).controller('personCtrl', function($scope) {
    $scope.firstName = "John",
    $scope.lastName = "Doe"
});
</script>
```

```
</body>
```

```
</html>
```

Output:

The name is DOE

Create single page application infrastructure:

Code:

```
html>

<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.4/angular.min.js"> </script>

<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.4/angular-route.js"> </script>

<body ng-app="myApp">

<p><a href =#!/">Main</a> </p>

<a href="#!london">City 1 </a>

<a href="#!Paris">City 1 </a>

<p>Click on the links to read about London and Paris .</p>

<div ng-view> </div>

<script>

var app =angular.module ("myApp",["ngRoute"]);

app.config(function($routeProvider){

    $routeProvider

        .when("/",{
```

```

templateUr1:"main.htm"

    })

    .when("/London",{

        templateUr1:"London.htm"

    })

    .when("/paris",{

        templateUr1:"paris.htm"

    });

});

</script>

</body>

</html>

```

Output:

[Main](#)

[City 1](#) [City 1](#) [City 1](#)

Click on the links to read about London and Paris .

Scope Management:

Code:

```

<!DOCTYPE html>

<html>

<script scr="https://ajas.gooleapis.com/ajax/libs/angularjs/1.6.4/angular.min.js"></script>

<body ng-app="myApp">

<p>The rootScope's favorite color</p>

<h1>Blue</h1>

<div ng-controller ="myCtrl">

```



```

<p>The scope of the controller's favorite color :</p>

<h1>Red</h1>

</div>

<p>The rootScope's favorite color is still:</p>

<h1>Blue</h1>

<script>

var app =angular.module('myApp',[]);

app.run(function($rootScope){

    $rootScope.color='blue';

});

app.ocntroller('myctrl',function ($scope){

    $scope.color="red";

});

</script>

<p>Notice that controller's colro variable does not overwrite the rootScope's color
value.</P>

</body>

</html>

```

Output:

The rootScope's favorite color

Blue

The scope of the controller's favorite color :

Red

The rootScope's favorite color is still:

Blue

Notice that controller's colro variable does not overwrite the rootScope's color value.

Build a basic controller:

Code:

```
<!DOCTYPE html>
<html>
<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.min.js"></script>
<body>

<div ng-app="myApp" ng-controller="myCtrl">

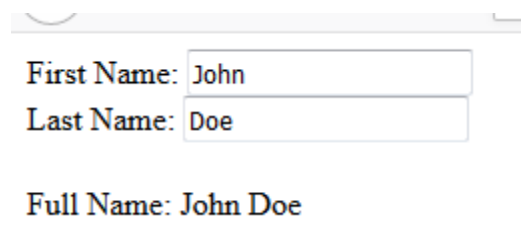
First Name: <input type="text" ng-model="firstName"><br>
Last Name: <input type="text" ng-model="lastName"><br>
<br>
Full Name: {{ firstName + " " + lastName }}

</div>

<script>
var app = angular.module('myApp', []);
app.controller('myCtrl', function($scope) {
    $scope.firstName = "John";
    $scope.lastName = "Doe";
});
</script>

</body>
</html>
```

Output :



First Name: John

Last Name: Doe

Full Name: John Doe

AngularJS Expressions:

Code:

```
<!DOCTYPE html>
<html>
<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.min.js"></script>
<body>
```

```
<div ng-app>
<p>My first expression: {{ 5 + 5 }}</p>
</div>
```

```
</body>
</html>
```

Output:

My first expression: 10

AngularJS Application:

Code:

```
<!DOCTYPE html>
<html>
<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.min.js"></script>
<body>
```

```
<script>
var app = angular.module("myShoppingList", []);
app.controller("myCtrl", function($scope) {
    $scope.products = ["Milk", "Bread", "Cheese"];
});
</script>
```

```
<div ng-app="myShoppingList" ng-controller="myCtrl">
<ul>
<li ng-repeat="x in products">{{ x }}</li>
</ul>
</div>
```

<p>So far we have made an HTML list based on the items of an array.</p>

```
</body>
</html>
```

Output:

- Milk
- Bread
- Cheese

So far we have made an HTML list based on the items of an array.

Experiment No: 03

Experiment Name: Design and development of responsive web site (Using open source Framework, Bootstrap)

Create a bootstrap in PHP:

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Bootstrap Example</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
</head>
<body>

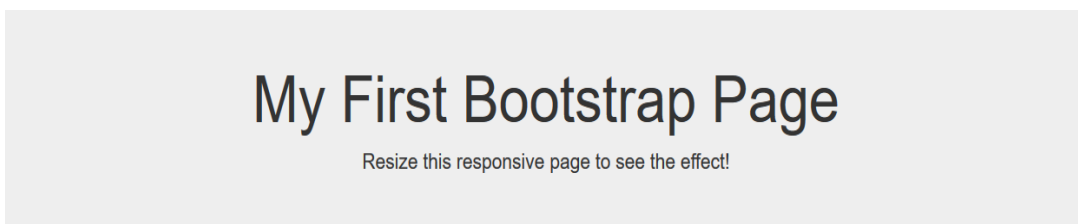
<div class="jumbotron text-center">
  <h1>My First Bootstrap Page</h1>
  <p>Resize this responsive page to see the effect!</p>
</div>

<div class="container">
  <div class="row">
    <div class="col-sm-4">
      <h3>Column 1</h3>
      <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit...</p>
      <p>Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris...</p>
    </div>
    <div class="col-sm-4">
      <h3>Column 2</h3>
      <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit...</p>
      <p>Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris...</p>
    </div>
    <div class="col-sm-4">
      <h3>Column 3</h3>
      <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit...</p>
```

```
<p>Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris...</p>
</div>
</div>
</div>

</body>
</html>
```

Output:



Use a bootstrap button in PHP:

Code:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <title>Bootstrap Example</title>

  <meta charset="utf-8">

  <meta name="viewport" content="width=device-width, initial-scale=1">

  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">

  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>

</head>

<body>
```

```
<div class="container">

  <h2>Button Styles</h2>

  <button type="button" class="btn">Basic</button>

  <button type="button" class="btn btn-default">Default</button>

  <button type="button" class="btn btn-primary">Primary</button>

  <button type="button" class="btn btn-success">Success</button>

  <button type="button" class="btn btn-info">Info</button>

  <button type="button" class="btn btn-warning">Warning</button>

  <button type="button" class="btn btn-danger">Danger</button>

  <button type="button" class="btn btn-link">Link</button>

</div>

</body>

</html>
```

Output:



Page components: Forms

Create Forms:

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Bootstrap Example</title>
```

```
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
</head>
<body>
```

```
<div class="container">
  <h2>Vertical (basic) form</h2>
  <form action="/action_page.php">
    <div class="form-group">
      <label for="email">Email:</label>
      <input type="email" class="form-control" id="email" placeholder="Enter email"
name="email">
    </div>
    <div class="form-group">
      <label for="pwd">Password:</label>
      <input type="password" class="form-control" id="pwd" placeholder="Enter password"
name="pwd">
    </div>
    <div class="checkbox">
      <label><input type="checkbox" name="remember"> Remember me</label>
    </div>
    <button type="submit" class="btn btn-default">Submit</button>
  </form>
</div>
```

```
</body>
</html>
```

Output:

Email:

Password:

☐ Remember me

Bootstrap Wells:

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Bootstrap Example</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
</head>
<body>

<div class="container">
  <h2>Well</h2>
  <div class="well">Basic Well</div>
</div>

</body>
</html>
```

Output:

Well

Basic Well

Bootstrap plugins:

Bootstrap JS Scrollspy:

Code:

```
<!DOCTYPE html>
<html>
<head>
  <title>Bootstrap Example</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
```



```

<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
<style>
body {
    position: relative;
}
#section1 {padding-top:50px;height:500px;color: #fff; background-color: #1E88E5;}
#section2 {padding-top:50px;height:500px;color: #fff; background-color: #673ab7;}
#section3 {padding-top:50px;height:500px;color: #fff; background-color: #ff9800;}
#section41 {padding-top:50px;height:500px;color: #fff; background-color: #00bcd4;}
#section42 {padding-top:50px;height:500px;color: #fff; background-color: #009688;}
</style>
</head>
<body data-spy="scroll" data-target=".navbar" data-offset="50">

<nav class="navbar navbar-inverse navbar-fixed-top">
    <div class="container-fluid">
        <div class="navbar-header">
            <button type="button" class="navbar-toggle" data-toggle="collapse" data-
target="#myNavbar">
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
            </button>
            <a class="navbar-brand" href="#">WebSiteName</a>
        </div>
        <div>
            <div class="collapse navbar-collapse" id="myNavbar">
                <ul class="nav navbar-nav">
                    <li><a href="#section1">Section 1</a></li>
                    <li><a href="#section2">Section 2</a></li>
                    <li><a href="#section3">Section 3</a></li>
                    <li class="dropdown"><a class="dropdown-toggle" data-toggle="dropdown"
href="#">Section 4 <span class="caret"></span></a>
                        <ul class="dropdown-menu">
                            <li><a href="#section41">Section 4-1</a></li>
                            <li><a href="#section42">Section 4-2</a></li>
                        </ul>
                    </li>
                </ul>
            </div>
        </div>
    </div>
</nav>

```

```
        </li>
    </ul>
</div>
</div>
</div>
</nav>
```

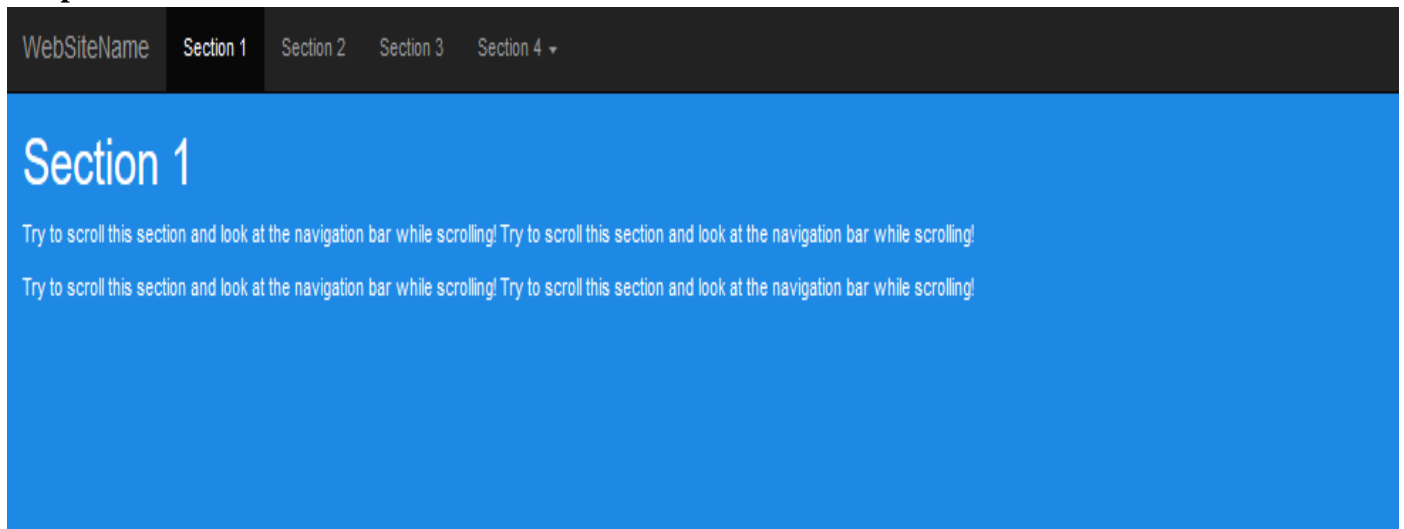
```
<div id="section1" class="container-fluid">
  <h1>Section 1</h1>
  <p>Try to scroll this section and look at the navigation bar while scrolling! Try to scroll this
section and look at the navigation bar while scrolling!</p>
  <p>Try to scroll this section and look at the navigation bar while scrolling! Try to scroll this
section and look at the navigation bar while scrolling!</p>
</div>
<div id="section2" class="container-fluid">
  <h1>Section 2</h1>
  <p>Try to scroll this section and look at the navigation bar while scrolling! Try to scroll this
section and look at the navigation bar while scrolling!</p>
  <p>Try to scroll this section and look at the navigation bar while scrolling! Try to scroll this
section and look at the navigation bar while scrolling!</p>
</div>
<div id="section3" class="container-fluid">
  <h1>Section 3</h1>
  <p>Try to scroll this section and look at the navigation bar while scrolling! Try to scroll this
section and look at the navigation bar while scrolling!</p>
  <p>Try to scroll this section and look at the navigation bar while scrolling! Try to scroll this
section and look at the navigation bar while scrolling!</p>
</div>
<div id="section41" class="container-fluid">
  <h1>Section 4 Submenu 1</h1>
  <p>Try to scroll this section and look at the navigation bar while scrolling! Try to scroll this
section and look at the navigation bar while scrolling!</p>
  <p>Try to scroll this section and look at the navigation bar while scrolling! Try to scroll this
section and look at the navigation bar while scrolling!</p>
</div>
<div id="section42" class="container-fluid">
  <h1>Section 4 Submenu 2</h1>
  <p>Try to scroll this section and look at the navigation bar while scrolling! Try to scroll this
section and look at the navigation bar while scrolling!</p>
```

<p>Try to scroll this section and look at the navigation bar while scrolling! Try to scroll this section and look at the navigation bar while scrolling!</p>
</div>

</body>

</html>

Output:



Experiment No: 04

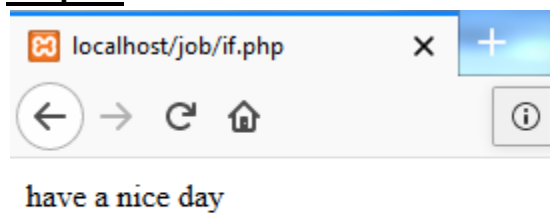
Experiment Name: Develop website using PHP MySQL (Basic Level)

Use code for conditional expressions:

Code:

```
<?php
$D=Date("D");
if($D=="Sat");{
echo"have a nice day";
}
?>
```

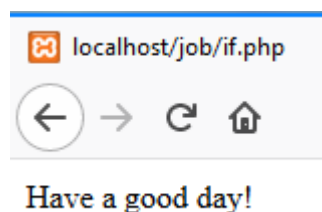
Output :



Code:

```
<?php
$t = date("H");
if ($t < "20") {
    echo "Have a good day!";
} else {
    echo "Have a good night!";
}
?>
```

Output :



Code:

```
<?php
if ($a > $b) {
```

```
    echo "a is bigger than b";
} elseif ($a == $b) {
    echo "a is equal to b";
} else {
    echo "a is smaller than b";
}
?>
```

Output :

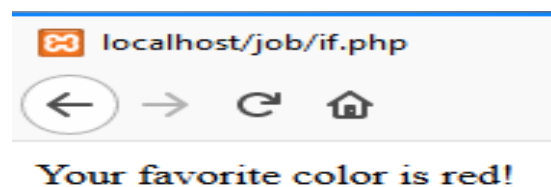
a is equal to b

Code:

```
<?php
$favcolor = "red";

switch ($favcolor) {
    case "red":
        echo "Your favorite color is red!";
        break;
    case "blue":
        echo "Your favorite color is blue!";
        break;
    case "green":
        echo "Your favorite color is green!";
        break;
    default:
        echo "Your favorite color is neither red, blue, nor green!";
}
?>
```

Output :



Get data from a form:

Post method:

```
<html>

<body>

<form action="Welcome.php" method="post">

Name:<input type="text" name="email"></br>

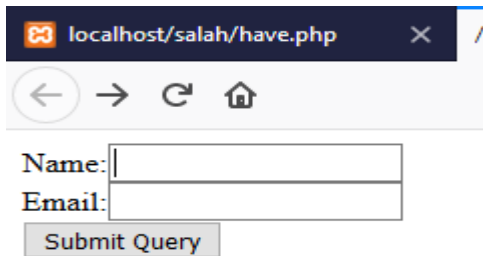
Email:<input type="text" name="email"></br>

<input type="Submit">

</form>

</html>
```

Output:



Get data from a form show welcome.php:

```
<html>

<body>

Welcome <?php echo $_POST["name"]; ?><br>

Your email address is: <?php echo $_POST["email"]; ?>

</body>

</html>
```

Output:



Welcome |
Your email address is:

Using \$get method:

```
<html>

<body>

<form action="Welcome_get.php" method="get">

Name:<input type="text" name="name"></br>

Email:<input type="text" name="email"></br>

<input type="Submit">

</form>

</body>

</html>
```

and "welcome_get.php" looks likes this:

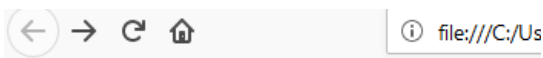
```
<html>

welcome <?php echo $_GET["name"];?><br>

your email address is:<?php echo $_GET["email"];?>

</body>
```

Output:



and "welcome_get.php" looks likes this: welcome
your email address is:

Create Product Card Management Project:

Code:

```
<?php
session_start();
$connect = mysqli_connect("localhost", "root", "", "test");
if(isset($_POST["add_to_cart"]))
{
    if(isset($_SESSION["shopping_cart"]))
    {
        $item_array_id = array_column($_SESSION["shopping_cart"], "item_id");
        if(!in_array($_GET["id"], $item_array_id))
        {
            $count = count($_SESSION["shopping_cart"]);
            $item_array = array(
                'item_id'           =>    $_GET["id"],
                'item_name'         =>    $_POST["hidden_name"],
                'item_price'        =>    $_POST["hidden_price"],
                'item_quantity'     =>    $_POST["quantity"]
            );
            $_SESSION["shopping_cart"][$count] = $item_array;
        }
        else
        {
            echo '<script>alert("Item Already Added")</script>';
            echo '<script>window.location="index.php"</script>';
        }
    }
    else
    {
        $item_array = array(
            'item_id'           =>    $_GET["id"],
            'item_name'         =>    $_POST["hidden_name"],
            'item_price'        =>    $_POST["hidden_price"],
            'item_quantity'     =>    $_POST["quantity"]
        );
        $_SESSION["shopping_cart"][0] = $item_array;
    }
}
if(isset($_GET["action"]))
{
    if($_GET["action"] == "delete")
    {
        foreach($_SESSION["shopping_cart"] as $keys => $values)
        {
            if($values["item_id"] == $_GET["id"])
            {
                unset($_SESSION["shopping_cart"][$keys]);
                echo '<script>alert("Item Removed")</script>';
            }
        }
    }
}
```



```

        echo '<script>window.location="index.php"</script>';
    }
}
}
?>
<!DOCTYPE html>
<html>
    <head>
        <title>Webslesson Tutorial | Simple PHP Mysql Shopping Cart</title>
        <script
src="https://ajax.googleapis.com/ajax/libs/jquery/2.2.0/jquery.min.js"></script>
        <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css" />
        <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"></script>
    </head>
    <body>
        <br />
        <div class="container" style="width:700px;">
            <h3 align="center">Simple PHP Mysql Shopping Cart</h3><br />
            <?php
$query = "SELECT * FROM tbl_product ORDER BY id ASC";
$result = mysqli_query($connect, $query);
if(mysqli_num_rows($result) > 0)
{
    while($row = mysqli_fetch_array($result))
    {
        ?>
        <div class="col-md-4">
            <form method="post" action="index.php?action=add&id=<?php echo
$row["id"]; ?>">
                <div style="border:1px solid #333; background-color:#f1f1f1;
border-radius:5px; padding:16px;" align="center">
                    " class="img-
responsive" /><br />
                    <h4 class="text-info"><?php echo $row["name"]; ?></h4>
                    <h4 class="text-danger">$ <?php echo $row["price"];
?></h4>
                    <input type="text" name="quantity" class="form-control"
value="1" />
                    <input type="hidden" name="hidden_name" value="<?php echo
$row["name"]; ?>" />
                    <input type="hidden" name="hidden_price" value="<?php echo
$row["price"]; ?>" />
                    <input type="submit" name="add_to_cart" style="margin-
top:5px;" class="btn btn-success" value="Add to Cart" />
                </div>
            </form>
        </div>
    </div>

```

```

    <?php
    }
}
?>
<div style="clear:both"></div>
<br />
<h3>Order Details</h3>
<div class="table-responsive">
    <table class="table table-bordered">
        <tr>
            <th width="40%">Item Name</th>
            <th width="10%">Quantity</th>
            <th width="20%">Price</th>
            <th width="15%">Total</th>
            <th width="5%">Action</th>
        </tr>
        <?php
        if(!empty($_SESSION["shopping_cart"]))
        {
            $total = 0;
            foreach($_SESSION["shopping_cart"] as $keys => $values)
            {
                ?>
                <tr>
                    <td><?php echo $values["item_name"]; ?></td>
                    <td><?php echo $values["item_quantity"]; ?></td>
                    <td>$ <?php echo $values["item_price"]; ?></td>
                    <td>$ <?php echo number_format($values["item_quantity"] *
$values["item_price"], 2); ?></td>
                    <td><a href="index.php?action=delete&id=<?php echo
$values["item_id"]; ?>"><span class="text-danger">Remove</span></a></td>
                </tr>
                <?php
                $total = $total + ($values["item_quantity"] *
$values["item_price"]);
            }
            ?>
            <tr>
                <td colspan="3" align="right">Total</td>
                <td align="right">$ <?php echo number_format($total, 2);
?></td>
                <td></td>
            </tr>
            <?php
            }
            ?>
        </table>
    </div>
</div>
<br />

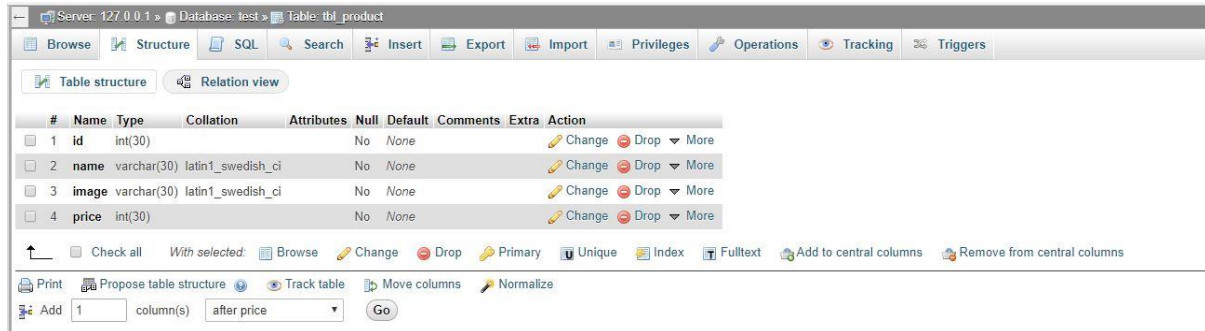
```

```

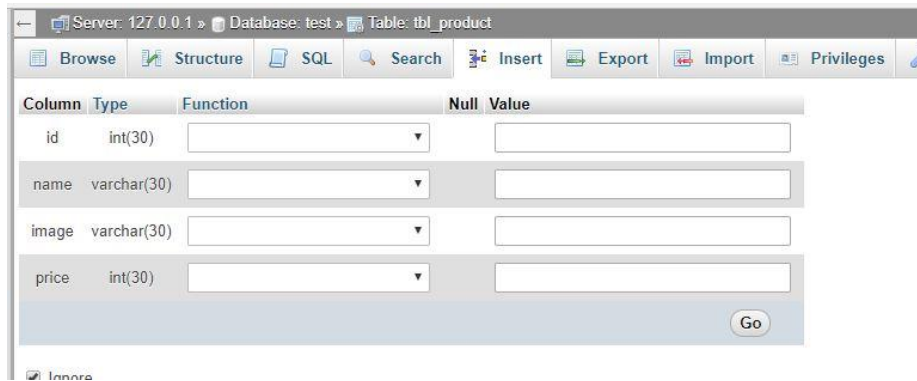
</body>
</html>

```

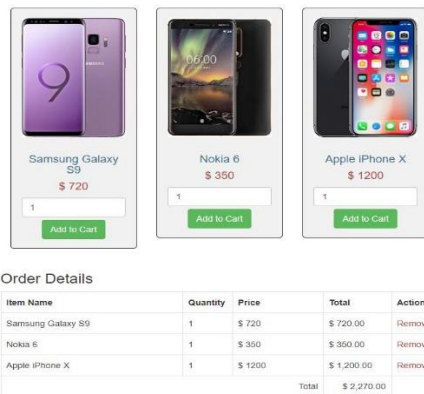
To keep product data, create a test database in mysql, after which it creates a table called tbl_product.



Enter the necessary products with the name of the picture.



Output:



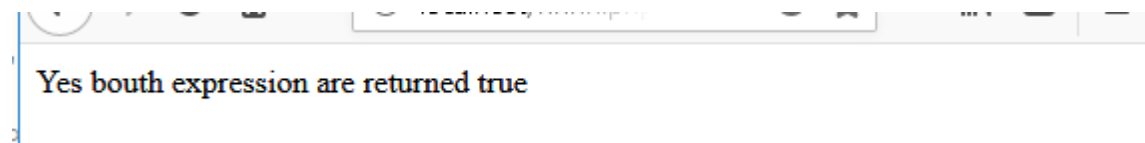
if statement used a php program:

Code:

If Statement:

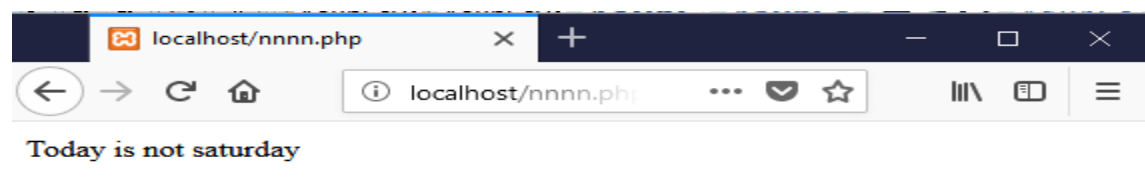
```
<?php
    $x = 9;
    $y = 'webcoach';
    if (is_int($x) && is_string($y)){// check if $x integer & if $y string
        echo 'Yes bouth expression are returned true';
    }
?>
```

Output:



If.....else Statement:

```
<?php
$d=date ("D");
if ($d=="Sat"){
    echo "Have a nice day";
}else{
    echo "Today is not saturday";
}
?>
```



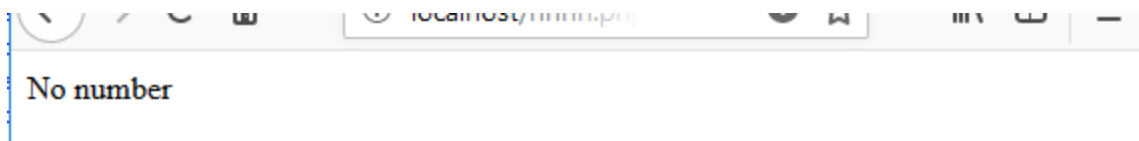
If...elseif...else Statement:

Code:

```
<?php
$number = 50; //provide any number
if ($number == 60){
    echo "The number is 60";
}
```

```
}elseif ($number == 45){  
    echo "The number is 45";  
}elseif ($number == 33){  
    echo "The number is 33";  
}else{  
    echo "No number";  
}  
?>
```

Output:

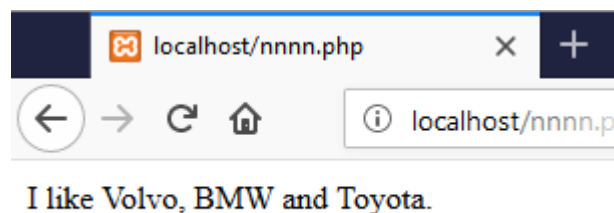


Create and use arrays:

Code:

```
<!DOCTYPE html>  
<html>  
<body>  
<?php  
$cars = array("Volvo", "BMW", "Toyota");  
echo "I like " . $cars[0] . ", " . $cars[1] . " and " . $cars[2] . ".";  
?>  
</body>  
</html>
```

Output:



Test and debug a PHP Application:

Code:

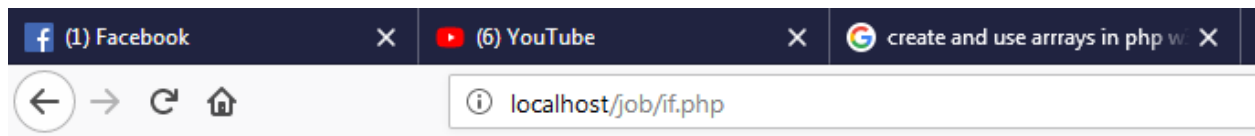
```
<?php  
hello world!
```

?>

After Debug code:

```
<?php
echo "hello world!"
?>
```

Output :



Parse error: syntax error, unexpected T_STRING in C:\xampp\htdocs\job\if.php on line 2

After Debug Output :



hello world!

Using PHP while loop:

code for while loop:

```
<!DOCTYPE html>
<html>
<body>

<?php
$x = 1;

while($x <= 5) {
    echo "The number is: $x <br>";
    $x++;
}
?>

</body>
</html>
```

Output:

```
The number is: 1
The number is: 2
The number is: 3
The number is: 4
The number is: 5
```

Using for loop in PHP:

code: for loop.

```
<!DOCTYPE html>
<html>
<body>

<?php
for ($x = 0; $x <= 10; $x++) {
    echo "The number is: $x <br>";
}
?>

</body>
</html>
```

Output:

```
The number is: 0
The number is: 1
The number is: 2
The number is: 3
The number is: 4
The number is: 5
The number is: 6
The number is: 7
The number is: 8
The number is: 9
The number is: 10
```

Find date and time in PHP:

code:

```
<!DOCTYPE html>
<html>
<body>
<?php
echo "Today is " . date("Y/m/d") . "<br>";
echo "Today is " . date("Y.m.d") . "<br>";
echo "Today is " . date("Y-m-d") . "<br>";
echo "Today is " . date("l");
?>
```

```
</body>
</html>
```

Output:

```
Today is 2018/06/23
Today is 2018.06.23
Today is 2018-06-23
Today is Saturday
```

Include and requires in PHP:

code:

```
<!DOCTYPE html>
<html>
<body>
<h1>Welcome to my home page!</h1>
<p>Some text.</p>
<p>Some more text.</p>
<?php include 'footer.php';?>
</body>
</html>
```

Output:

Welcome to my home page!

Some text.

Some more text.

Switch statement in PHP:

code:

```
<!DOCTYPE html>
<html>
<body>
<?php
$favcolor = "red";
switch ($favcolor) {
    case "red":
        echo "Your favorite color is red!";
        break;
```



```

case "blue":
    echo "Your favorite color is blue!";
    break;
case "green":
    echo "Your favorite color is green!";
    break;
default:
    echo "Your favorite color is neither red, blue, nor green!";
}
?>

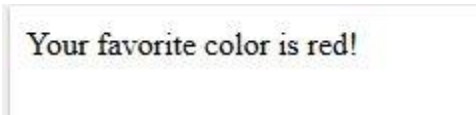
```

```

</body>
</html>

```

Output:



Your favorite color is red!

PHP form url/email:

code:

```

<?php
// define variables and set to empty values
$nameErr = $emailErr = $genderErr = $websiteErr = "";
$name = $email = $gender = $comment = $website = "";

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    if (empty($_POST["name"])) {
        $nameErr = "Name is required";
    } else {
        $name = test_input($_POST["name"]);
        // check if name only contains letters and whitespace
        if (!preg_match("/^[a-zA-Z ]*$/", $name)) {
            $nameErr = "Only letters and white space allowed";
        }
    }
}

if (empty($_POST["email"])) {
    $emailErr = "Email is required";
} else {
    $email = test_input($_POST["email"]);

```

```

// check if e-mail address is well-formed
if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
    $emailErr = "Invalid email format";
}
}

if (empty($_POST["website"])) {
    $website = "";
} else {
    $website = test_input($_POST["website"]);
    // check if URL address syntax is valid
    if (!preg_match("/\b(?:https?|ftp):\/\/|www\.)[-a-z0-9+&@#\/%?~_!|:,;]*[-a-z0-9+&@#\/%?~_]/i",$website)) {
        $websiteErr = "Invalid URL";
    }
}

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

if (empty($_POST["gender"])) {
    $genderErr = "Gender is required";
} else {
    $gender = test_input($_POST["gender"]);
}
}

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

```

<h2>PHP Form Validation Example</h2>

<p>* required field</p>

<form method="post" action="<?php echo htmlspecialchars(\$_SERVER["PHP_SELF"]);?>">

Name: <input type="text" name="name">

```

<span class="error">* <?php echo $nameErr;?></span>
<br><br>
E-mail: <input type="text" name="email">
<span class="error">* <?php echo $emailErr;?></span>
<br><br>
Website: <input type="text" name="website">
<span class="error"><?php echo $websiteErr;?></span>
<br><br>
Comment: <textarea name="comment" rows="5" cols="40"></textarea>
<br><br>
Gender:
<input type="radio" name="gender" value="female">Female
<input type="radio" name="gender" value="male">Male
<input type="radio" name="gender" value="other">Other
<span class="error">* <?php echo $genderErr;?></span>
<br><br>
<input type="submit" name="submit" value="Submit">
</form>

```

```

<?php
echo "<h2>Your Input:</h2>";
echo $name;
echo "<br>";
echo $email;
echo "<br>";
echo $website;
echo "<br>";
echo $comment;
echo "<br>";
echo $gender;
?>

```

```

</body>
</html>

```

Output:

Name: *

E-mail: *

Website:

Comment:

Gender: ☐ Female ☐ Male ☐ Other *

PHP arrays multi:

code:

```
<!DOCTYPE html>
<html>
<body>
<?php
$cars = array
(
    array("Volvo",22,18),
    array("BMW",15,13),
    array("Saab",5,2),
    array("Land Rover",17,15)
);
echo $cars[0][0].": In stock: ".$cars[0][1].", sold: ".$cars[0][2]."<br>";
echo $cars[1][0].": In stock: ".$cars[1][1].", sold: ".$cars[1][2]."<br>";
echo $cars[2][0].": In stock: ".$cars[2][1].", sold: ".$cars[2][2]."<br>";
echo $cars[3][0].": In stock: ".$cars[3][1].", sold: ".$cars[3][2]."<br>";
?>
</body>
</html>
```

Output:

```
Volvo: In stock: 22, sold: 18.
BMW: In stock: 15, sold: 13.
Saab: In stock: 5, sold: 2.
Land Rover: In stock: 17, sold: 15.
```