**D.Y PATIL COLLEGE OF ENGINEERING PUNE**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**ACADEMIC YEAR 2021-22**

**SUBJECT : WAD**

**Sample Program**

**1** The Event Emitter Object

In the example below we have created a function that will be executed when a "scream" event is fired.

To fire an event, use the emit() method.

var events = require('events');  
var eventEmitter = new events.EventEmitter();  
  
//Create an event handler:  
var myEventHandler = function () {  
  console.log('I hear a scream!');  
}  
  
//Assign the event handler to an event:  
eventEmitter.on('scream', myEventHandler);  
  
//Fire the 'scream' event:  
eventEmitter.emit('scream');

//save file in js format

//to run above code go to terminal and type node filename.js

2. jQuery UI Example

<!DOCTYPE html>

<head>

  <link href="http://code.jquery.com/ui/1.10.4/themes/ui-lightness/jquery-ui.css" rel="stylesheet">

  <script src="http://code.jquery.com/jquery-1.10.2.js"></script>

<script src="http://code.jquery.com/ui/1.10.4/jquery-ui.js"></script>

  <style>

  #draggable { width: 100px; height: 100px; padding: 0.5em; background:#e87fff;}

  </style>

 <script>

  $(function() {

    $( "#draggable" ).draggable();

  });

  </script>

</head>

<body>

     <div id="draggable" class="ui-widget-content">

      <p >Drag Me</p>

     </div>

</body>

</html>

Output : I am draggable!

3 jQuery Example

<!DOCTYPE html>

<html>

<head>

 <title>First jQuery Example</title>

<script type="text/javascript" src="http://ajax.googleapis.com/ajax/libs/jquery/2.1.3/jquery.min.js">

 </script>

 <script type="text/javascript" language="javascript">

 $(document).ready(function() {

 $("p").css("background-color", "pink");

 });

 </script>

 </head>

<body>

<p>This is first paragraph.</p>

<p>This is second paragraph.</p>

<p>This is third paragraph.</p>

</body>

</html>

Output:

This is first paragraph.

75Hello Java Program for Beginners

This is second paragraph.

This is third paragraph.

4 Example to see the use of Tag selector. This would select all the elements with a tag name and the background color is set to "pink".

<!DOCTYPE html>

<html>

<head>

 <title>First jQuery Example</title>

<script type="text/javascript" src="http://ajax.googleapis.com/ajax/libs/jquery/2.1.3/jquery.min.js">

 </script>

 <script type="text/javascript" language="javascript">

 $(document).ready(function() {

 $("p").css("background-color", "pink");

 });

 </script>

 </head>

<body>

<p>This is first paragraph.</p>

<p>This is second paragraph.</p>

<p>This is third paragraph.</p>

</body>

</html>

Output:

This is first paragraph.

This is second paragraph.

This is third paragraph.

**5 Example to see the jQuery hide effect.**

<!DOCTYPE html>

<html>

<head>

<script src="http://ajax.googleapis.com/ajax/libs/jquery/1.11.2/jquery.min.js"></script>

<script>

$(document).ready(function(){

    $("#hide").click(function(){

        $("p").hide();

    });

});

</script>

</head>

<body>

<p>

<b>I am xyz&1234</b><br/>

Click below button to hide me<br/>

</p>

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

</body>

</html>

**6. Simple CSS example**

<!DOCTYPE html>

<html>

<head>

<style>

body {

  background-color: rgb(230, 173, 192);

}

h1 {

  color: white;

  text-align: center;

}

p {

  font-family: verdana;

  font-size: 20px;

}

</style>

</head>

<body>

<h1>First Page</h1>

<p>This is a paragraph where I will be writing whole paragraph<br/>and yes</p>

</body>

</html>

**7. Bootstrap**

<!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/3.4.1/css/bootstrap.min.css">

  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container">

  <h1>Use of boostrap container</h1>

  <p>It provides design to look containers good.</p>

</div>

</body>

</html>

**8 write a simple example using AngularJS library. Let us create an HTML file**

<!doctype html>

<html>

<head>

<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.5.2/angular.min.js"></script>

</head>

<body ng-app="myapp">

<div ng-controller="HelloController">

<h2>Welcome {{helloTo.title}} to the world of

Tutorialspoint!</h2> </div>

<script>

angular.module("myapp",[])

.controller("HelloController",function($scope){

$scope.helloTo={};

$scope.helloTo.title="AngularJS";

});

</script>

</body>

</html>

9  **Write html code for form (representative code is mentioned here, modify for multiple inputs)**

<!DOCTYPE html>

<html>

<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.min.js"></script>

<body>

<h1>Simple Form</h1>

<form #simpleForm = "ngForm" (ngSubmit)="getValues(simpleForm.value)">

<input type ="text" ngModelname = "user" placeholder = "Enter Name">

<br><br>

<input type ="text" ngModelname = "age" placeholder = "Enter age">

<br><br>

<input type ="text" ngModelname = "city" placeholder = "Enter city">

<br><br>

<button>Get user value</button>

</form>

</body>

</html>

**10. Sample code :**

Ajax communication.html

<html>

<body>

<div id="xyz">

Hello Friends <br>

Welcome to Pune!!!!!<br>

<button type="button" onclick="load()">

Submit

</button>

</div>

<script>

function load(){

var req=new XMLHttpRequest()

req.onreadystatechange=function() {

if(this.readyState == 4 && this.status == 200){

document.getElementById("xyz").innerHTML=this.responseText

}

}

req.open('GET','data.txt',true)

req.send()

}

</script>

</body>

</html>