D.Y PATIL COLLEGE OF ENGINEERING PUNE

DEPARTMENT OF INFORMATION TECHNOLOGY

ACADEMIC YEAR 2021-22

SUBJECT : WAD

Sample Program

1 The EventEmitter 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');
```

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:#7fffd4;}
</style>
<script>
$(function() {
  $( "#draggable" ).draggable();
});
</script>
</head>
<body>
    <div id="draggable" class="ui-widget-content">
     <p>I am draggable!</p>
    </div>
</body>
</html>
```

Output : I am draggable!

<mark>3 jQuery Example</mark>

```
<!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:

<div style="background-color:pink">This is first paragraph.</div>

<div style="background-color:pink">This is second paragraph.

This is third paragraph.</div>

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.

```html
<!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>This is a little poem: </b><br/>
Twinkle, twinkle, little star<br/>
How I wonder what you are<br/>
Up above the world so high<br/>
Like a diamond in the sky<br/>
Twinkle, twinkle little star<br/>
How I wonder what you are
</p>
```

```html
<button id="hide">Hide</button>
</body>
</html>
```

6. Simple CSS example

```html
<!DOCTYPE html>

<html>

<head>

<style>

body {

  background-color: lightblue;

}



h1 {

  color: white;

  text-align: center;

}



p {

  font-family: verdana;

  font-size: 20px;

}

</style>
```

```html
    </head>

    <body>


    <h1>My First CSS Example</h1>

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


    </body>

    </html>
```

7. Bootstrap

```html
<!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>My First Bootstrap Page</h1>
  <p>This is some text.</p>
</div>

</body>
</html>
```

```html
<!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>
```

```html
<h1>Simple Form</h1>

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

 <input type ="text" ngModel name = "user" placeholder = "Enter Name">

 <br><br>
```

```
<inputtype ="text"ngModelname = "age"placeholder = "Enter age">

<br><br>

<inputtype ="text"ngModelname = "city"placeholder = "Enter city">

<br><br>

<button>Get user value</button>

</form>
```

```
<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>
```