

date.component.ts

```
import { Component, OnInit } from '@angular/core';

@Component({
  selector: 'app-date',
  templateUrl: './date.component.html',
  styleUrls: ['./date.component.css']
})
export class DateComponent implements OnInit {

  message : string = new Date().toDateString();
  /*
  dateMessage :string;

  constructor() {
    let currentDate = new Date();
    this.dateMessage = currentDate.toDateString() + ' ' +
currentDate.toLocaleTimeString();
  }
  */
  dateMessage : string = "";
  constructor() {
    setInterval(() => {
      let currentDate = new Date();
      this.dateMessage = currentDate.toDateString() + ' ' +
currentDate.toLocaleTimeString();
    },1000);

  }
  ngOnInit(): void {
  }
}
```

# 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!

### 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.

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>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>
```

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

```
</body>
```

```
</html>
```

## 6. Simple CSS example

```
<!DOCTYPE html>
<html>
<head>
<style>
body {
  background-color: lightblue;
}

h1 {
  color: white;
  text-align: center;
}

p {
  font-family: verdana;
  font-size: 20px;
}
</style>
</head>
<body>

<h1>My First CSS Example</h1>
<p>This is a paragraph.</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>My First Bootstrap Page</h1>
  <p>This is some text.</p>
</div>

</body>
</html>

```

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

```

<!doctype html>

<html>

<head>

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

</head>

<bodyng-app="myapp">

  <divng-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)

```
<h1>Simple Form</h1>
<form#simpleForm = "ngForm"(ngSubmit) = "getValues(simpleForm.value)">
  <inputtype = "text"ngModelname = "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>
```

### 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>
```