Internet and Web Programming

Lab Upload-3

-17BCE2416
Navya RG

1. Create an online application form to get the user input for a Job vacancy such as personal information, educational background and experience or skillset and Display the user data to a textarea.
Write a pattern that matches e-mail addresses.
[A-Z0-9a-z._]+@[A-Za-z0-9._]+\\.[A-Za-z]+
The personal information part contains the following ASCII characters.

- **Uppercase (A-Z) and lowercase (a-z) English letters.**
- **Digits (0-9).**
- **Characters ! # $ % & ' * + - / = ? ^ _ ` { | } ~**
- **Character . (period, dot or full stop) provided that it is not the first or last character and it will not come one after the other.**

[A-Za-z0-9!#$%&'*+-/=?^_`{|}~](\.*[A-Za-z0-9!#$%&'*+-/=?^_`{|}~])*

```
<!DOCTYPE html>
<head>
	<title>Job application</title>
	<style type="text/css">
		body{
			font-family: Verdana;
			background-color: rgba(209, 239, 243, 1);
		}
		#FORM{
			width: 80%;
			margin: auto;
			font-size: 1.2em;
		}
		#textarea{
			margin-left: 10%;
		}
	</style>
</head>
<body>
	<center><u><h1>Job Application</h1></u></center><br>
	<div id="textarea">
	<div id="FORM">
	<form name="myForm">
		<label for="fname">First name:</label>
		<input type="text" name="fname" id="fname" pattern="[A-Za-z0-9!#$%&'*+-
/=?^_`{|}~](\.*[A-Za-z0-9!#$%&'*+-/=?^_`{|}~])*" required>
		<label for="mname">Middle name:</label>
		<input type="text" name="mname" pattern="[A-Za-z0-9!#$%&'*+-
/=?^_`{|}~](\.*[A-Za-z0-9!#$%&'*+-/=?^_`{|}~])*" >
		<label for="lname">Last name:</label>
```

```
		<input type="text" name="lname" pattern="[A-Za-z0-9!#$%&'*+-/=?^_`{|}~](\.*[A-Za-z0-9!#$%&'*+-/=?^_`{|}~])*" required><br><br>

		<label for="dob">Date of Birth:</label>
		<input type="date" name="dob"  required><br><br>

		<label for="position">Position applied for:</label>
		<select name="position" required>
			<option value=""></option>
			<option value="Front-end developer">Front-end developer</option>
			<option value="Back-end developer">Back-end developer</option>
			<option value="Java Developer">Java Developer</option>
			<option value="Full stack developer">Full stack developer</option>
			<option value="Database support">Database support</option>
			<option value="Tester">Tester</option>
			<option value="Quality assurance">Quality assurance</option>
			<option value="IT administrator">IT administrator</option>
		</select>
		<label for="startdate">Date availabale to start:</label>
		<input type="date" name="startdate" required><br><br>

		<label for="type">Type of employment desired:</label>
		<input type="radio" name="type" value="Full time" checked>Full Time
		<input type="radio" name="type" value="Part time">Part Time
		<input type="radio" name="type" value="Seasonal">Seasonal
		<input type="radio" name="type" value="Temporary">Temporary<br><br>
		<label for="exp">Experience of years:</label>
		<input type="number" name="exp" min="0" step="0.1"  required><br><br>
		<u>Previous employment:</u><br>
		<label for="role1">Role:</label><input type="text" name="role1">
		<label for="tp1">Time period:</label><input type="number" name="tp1" min="0" step="0.1">
		<label for="employer1">Employer:</label><input type="text" name="employer1"><br>
		<label for="role2">Role:</label><input type="text" name="role2">
		<label for="tp2">Time period:</label><input type="number" name="tp2" min="0" step="0.1">
		<label for="employer2">Employer:</label><input type="text" name="employer2"><br>
		<label for="role3">Role:</label><input type="text" name="role3">
		<label for="tp3">Time period:</label><input type="number" name="tp3" min="0" step="0.1">
		<label for="employer3">Employer:</label><input type="text" name="employer3"><br><br>

		<label for="resadd">Residential address:</label>
		<textarea type="address" name="resadd" cols="67" rows="2"  pattern="[A-Za-z0-9!#$%&'*+-/=?^_`{|}~](\.*[A-Za-z0-9!#$%&'*+-/=?^_`{|}~])*" required></textarea><br><br>
		<label for="peradd">Permanent address:</label>
		<textarea type="address" name="peradd" cols="67" rows="2"  pattern="[A-Za-z0-9!#$%&'*+-/=?^_`{|}~](\.*[A-Za-z0-9!#$%&'*+-/=?^_`{|}~])*" required></textarea><br><br>
```

```
                <label for="contact">Contact number:</label>
                <input type="tel" name="contact" patter="(+91)?[798][0-9]{9}" required><br><br>
                <label for="email">Email:</label>
                <input type="email" name="email" pattern="[A-Z0-9a-z._]+@[A-Za-z0-9._]+\\.[A-
Za-z]+" required><br><br>
                <u>Educational qualificatons:</u><br>
                Post-graduate:<br>
                <label for="pginst">Institution:</label><input type="text" name="pginst">
                <label for="pgyear">Year of graduation:</label><input type="year"
name="pgyear">
                <label for="pgperc">Percentage obtained:</label><input type="Percentage"
name="pgperc"><br>
                Under-graduate:<br>
                <label for="uginst">Institution:</label><input type="text" name="uginst" required>
                <label for="ugyear">Year of graduation:</label><input type="year" name="ugyear"
required>
                <label for="ugperc">Percentage obtained:</label><input type="Percentage"
name="ugperc" required><br>
                High School:<br>
                <label for="hsinst">Institution:</label><input type="text" name="hsinst" required>
                <label for="hsyear">Year of graduation:</label><input type="year" name="hsyear"
required>
                <label for="hsperc">Percentage obtained:</label><input type="Percentage"
name="hsperc" required><br>
                Other:<br>
                <label for="oinst">Institution:</label><input type="text" name="oinst">
                <label for="oyear">Year of graduation:</label><input type="year" name="oyear">
                <label for="operc">Percentage obtained:</label><input type="Percentage"
name="operc"><br><br>
                <u>Skill set:</u><br>
                <label for="skill1">Skill:</label>
                <input type="text" name="skill1" required>
                <label for="proficiency1">Level of Proficiency:</label>
                <select name="proficiency1" required>
                        <option value=""></option>
                        <option value="Beginner">Beginner</option>
                        <option value="Intermediate">Intermediate</option>
                        <option value="Advanced">Advanced</option>
                </select><br>
                <label for="skill2">Skill:</label>
                <input type="text" name="skill2">
                <label for="proficiency2">Level of Proficiency:</label>
                <select name="proficiency2">
                        <option value=""></option>
                        <option value="Beginner">Beginner</option>
                        <option value="Intermediate">Intermediate</option>
                        <option value="Advanced">Advanced</option>
                </select><br>
                <label for="skill3">Skill:</label>
                <input type="text" name="skill3">
                <label for="proficiency3">Level of Proficiency:</label>
```

```
                <select name="proficiency3">
                        <option value=""></option>
                        <option value="Beginner">Beginner</option>
                        <option value="Intermediate">Intermediate</option>
                        <option value="Advanced">Advanced</option>
                </select><br><br>
                <label for="resume">Upload your resume:</label>
                <input type="file" name="resume"  required><br>
                <input type="checkbox" name="details" checked>I assure that the details mentioned in this form are true to the best of my knowledge.<br>
                <input type="checkbox" name="agree" checked>I agree to the terms and conditions.<br>
                <input type="submit" name="Submit" onclick="display(); return false;"><br><br>
        </form>
        </div>
        </div>
        <script type="text/javascript">
                function display(){
                        var obj = {};
                        obj.First_Name = document.myForm.fname.value;
                        obj.Middle_Name = document.myForm.mname.value;
                        obj.Last_Name = document.myForm.lname.value;
                        obj.Date_of_Birth = document.myForm.dob.value;
                        obj.Applied_Position = document.myForm.position.value;
                        obj.Tentative_Start_Date = document.myForm.startdate.value;
                        obj.Type_of_Employment = document.myForm.type.value;
                        obj.Experience = document.myForm.exp.value;

                        obj.Role1 = document.myForm.role1.value;
                        obj.Time_Period1 = document.myForm.tp1.value;
                        obj.Employer1 = document.myForm.employer1.value;
                        obj.Role2 = document.myForm.role2.value;
                        obj.Time_Period2 = document.myForm.tp2.value;
                        obj.Employer2 = document.myForm.employer2.value;
                        obj.Role3 = document.myForm.role3.value;
                        obj.Time_Period3 = document.myForm.tp3.value;
                        obj.Employer3 = document.myForm.employer3.value;

                        obj.Residential_Address = document.myForm.resadd.value;
                        obj.Permanent_Address = document.myForm.peradd.value;
                        obj.Contact = document.myForm.contact.value;
                        obj.Email = document.myForm.email.value;

                        obj.Post_Graduate_Institue = document.myForm.pginst.value;
                        obj.PG_Year = document.myForm.pgyear.value;
                        obj.PG_Percentage = document.myForm.pgperc.value;
                        obj.Under_Graduate_Institue = document.myForm.uginst.value;
                        obj.UG_ear = document.myForm.ugyear.value;
                        obj.UG_Percentage = document.myForm.ugperc.value;
                        obj.HighSchool_Institute = document.myForm.hsinst.value;
                        obj.HS_Year = document.myForm.hsyear.value;
```

```
                obj.HS_Percentage = document.myForm.hsperc.value;
                obj.Other_Institute = document.myForm.oinst.value;
                obj.Other_Year = document.myForm.oyear.value;
                obj.Other_Percentage = document.myForm.operc.value;

                obj.Skill1 = document.myForm.skill1.value;
                obj.Proficiency1 = document.myForm.proficiency1.value;
                obj.Skill2 = document.myForm.skill2.value;
                obj.Proficiency2 = document.myForm.proficiency2.value;
                obj.Skill3 = document.myForm.skill3.value;
                obj.Proficiency3 = document.myForm.proficiency3.value;

                obj.Resume = document.myForm.resume.value;

                var toPrint=" ";
                for(x in obj){
                        if(obj[x]){
                                toPrint+="<b>"+x+": </b>"+obj[x]+"<br>";
                        }
                }
                document.getElementById("textarea").innerHTML = toPrint;
        }
    </script>
</body>
</html>
```

Job Application

First name: Middle name: Last name:

Date of Birth: dd-mm-yyyy

Position applied for: Date availabale to start: dd-mm-yyyy

Type of employment desired: Full Time Part Time Seasonal Temporary

Experience of years:

Previous employment:
Role: Time period: Employer:
Role: Time period: Employer:
Role: Time period: Employer:

Residential address:

Permanent address:

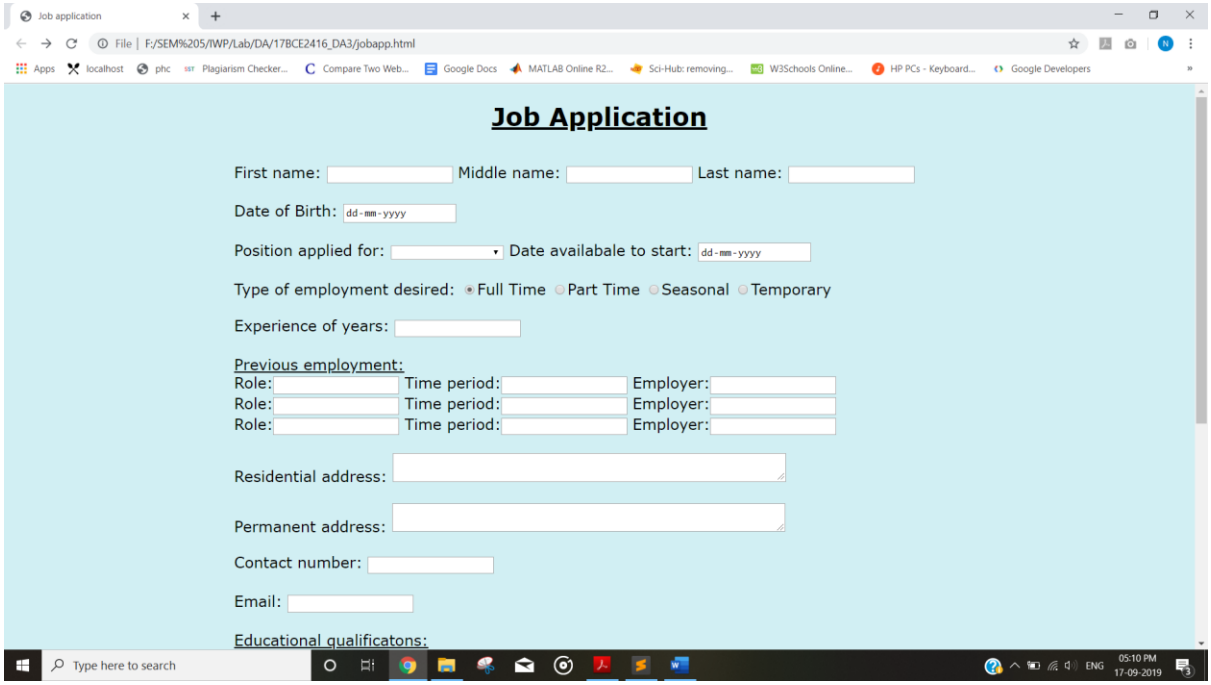
Contact number:

Email:

Educational qualificatons:
Post-graduate:
Institution: Year of graduation: Percentage obtained:
Under-graduate:
Institution: Year of graduation: Percentage obtained:
High School:
Institution: Year of graduation: Percentage obtained:
Other:
Institution: Year of graduation: Percentage obtained:

Skill set:
Skill: Level of Proficiency:
Skill: Level of Proficiency:
Skill: Level of Proficiency:

Upload your resume: Choose File No file chosen
I assure that the details mentioned in this form are true to the best of my knowledge.
I agree to the terms and conditions.
Submit



Job Application

First name: Navya Middle name: Last name: R G

Date of Birth: 19-07-1999

Position applied for: Full stack developer Date availabale to start: 10-07-2021

Type of employment desired: Full Time Part Time Seasonal Temporary

Experience of years: 0.1

Previous employment:
Role: Java Developer-Intern Time period: 0.1 Employer: Google
Role: Time period: Employer:
Role: Time period: Employer:

Residential address: Ladies Hostel, VIT, Vellore-632014

Permanent address: Ladies Hostel, VIT, Vellore-632014

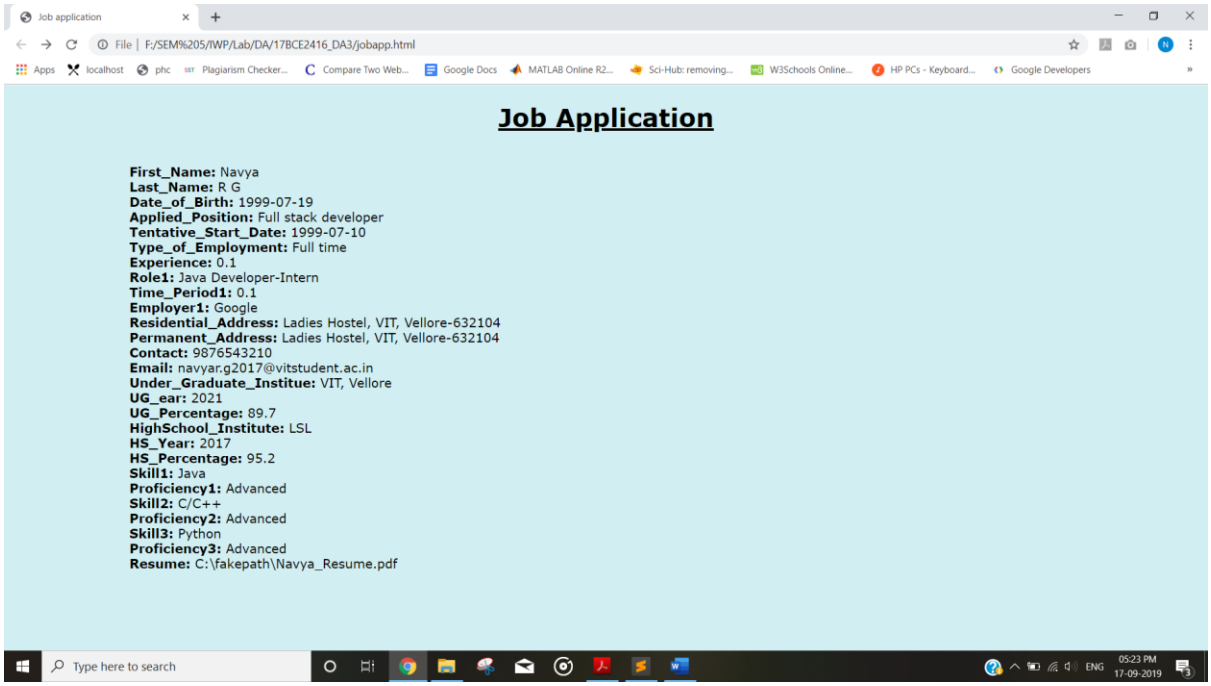
Contact number: 9876543210

Email: navyar.g2017@vitstudent.

Educational qualificatons:
Post-graduate:
Institution: Year of graduation: Percentage obtained:
Under-graduate:
Institution: VIT, Vellore Year of graduation: 2021 Percentage obtained: 89.7
High School:
Institution: LSL Year of graduation: 2017 Percentage obtained: 95.2
Other:
Institution: Year of graduation: Percentage obtained:

Skill set:
Skill: Java Level of Proficiency: Advanced
Skill: C/C++ Level of Proficiency: Advanced
Skill: Python Level of Proficiency: Advanced

Upload your resume: Choose File Navya_Resume.pdf
I assure that the details mentioned in this form are true to the best of my knowledge.
I agree to the terms and conditions.
Submit



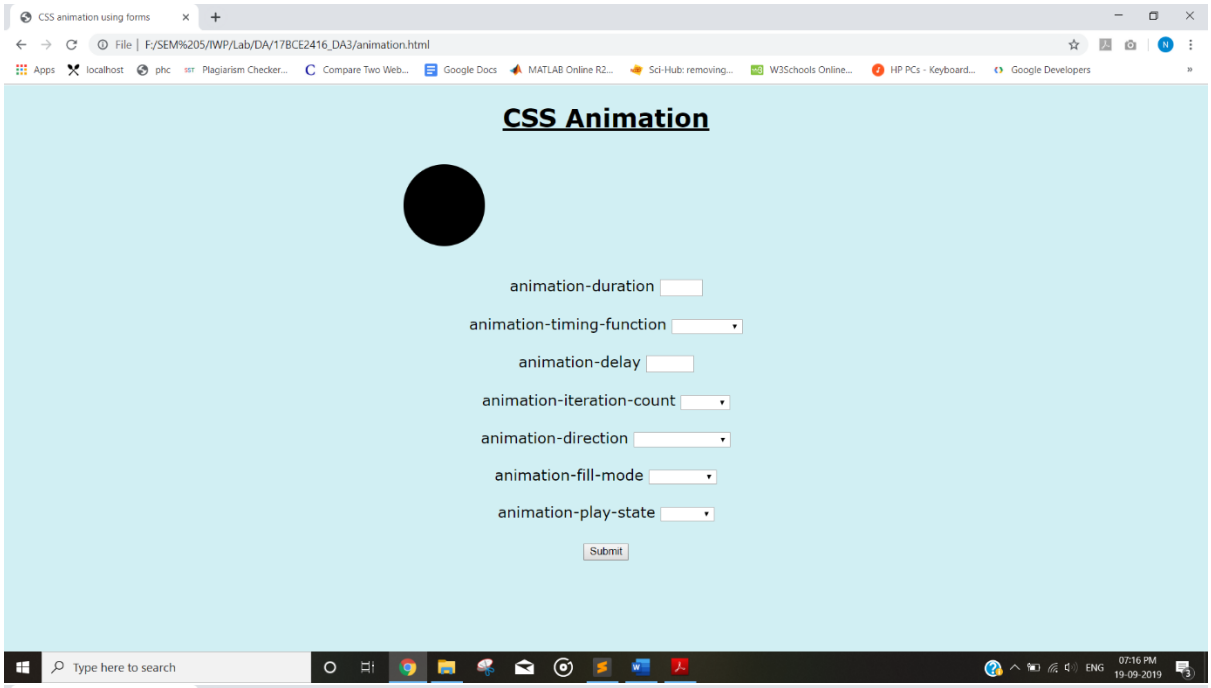
2. Create CSS animation effect by giving a user form to pick the attributes by user.

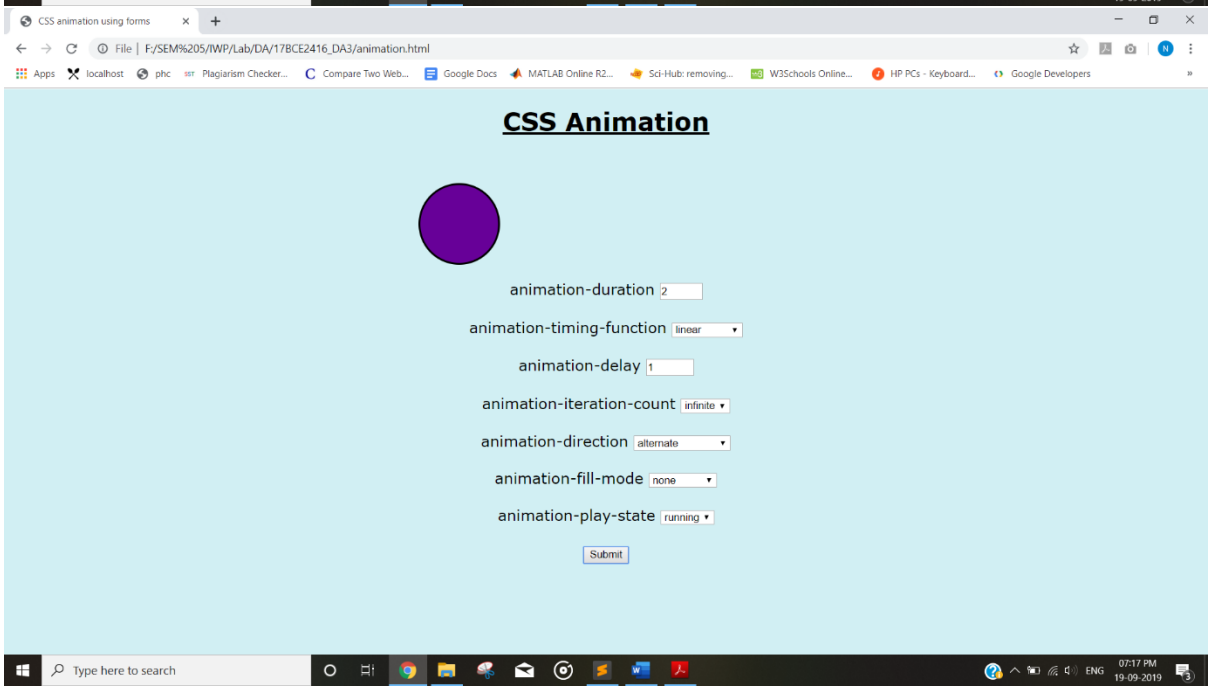
```
<!DOCTYPE html>
<head>
	<title>CSS animation using forms</title>

	<style type="text/css">
		body{
			font-family: Verdana;
			background-color: rgba(209, 239, 243, 1);
		}
		#FORM{
			text-align: center;
			margin: auto;
			font-size: 1.2em;
		}
		#ani{
			width: 100px;
			height: 100px;
			margin-left: 33%;
			background-color: black;
			border: 2px solid black;
			border-radius: 50%;
			animation-name: anima;
			animation-duration: 4s;
			position: relative;
		}
		@keyframes anima{
			0%   {background-color:purple; left:0px; top:0px;}
			25%  {background-color:blue; left:100px; top:100px;}
			50%  {background-color:pink; left:200px; top:0px;}
```

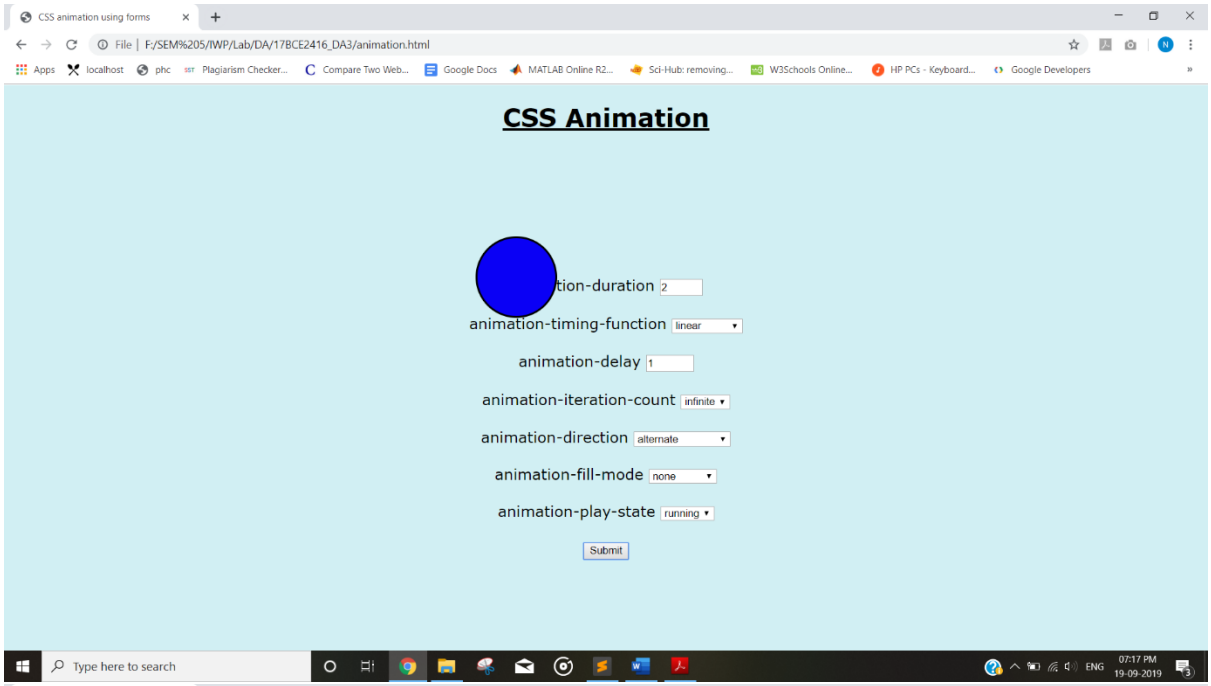
```
                75%  {background-color:white; left:300px; top:100px;}
                100% {background-color:gray; left:400px; top:0px;}
            }
        </style>
</head>
<body>
        <center><u><h1>CSS Animation</h1></u></center><br>
        <div id="ani">
        </div>

        <br><br>

        <div id="FORM">
        <form name="myForm">
            <label for="animation_duration">animation-duration</label>
            <input type="number" name="animation_duration" min="0" max="5" step="1"
required><br><br>

            <label for="animation_timing_function">animation-timing-function</label>
            <select name="animation_timing_function" required>
                <option value=""></option>
                <option value="ease">ease</option>
                <option value="linear">linear</option>
                <option value="ease-in">ease-in</option>
                <option value="ease-out">ease-out</option>
                <option value="ease-in-out">ease-in-out</option>
            </select><br><br>

            <label for="animation_delay">animation-delay</label>
            <input type="number" name="animation_delay" min="-5" max="5" step="1"
required><br><br>

            <label for="animation_iteration_count">animation-iteration-count</label>
            <select name="animation_iteration_count"  required>
                <option value=""></option>
                <option value="0">0</option>
                <option value="1">1</option>
                <option value="2">2</option>
                <option value="3">3</option>
                <option value="4">4</option>
                <option value="5">5</option>
                <option value="infinite">infinite</option>
            </select><br><br>

            <label for="animation_direction">animation-direction</label>
            <select name="animation_direction" required>
                <option value=""></option>
                <option value="normal">normal</option>
                <option value="reverse">reverse</option>
                <option value="alternate">alternate</option>
                <option value="alternate-reverse">alternate-reverse</option>
```

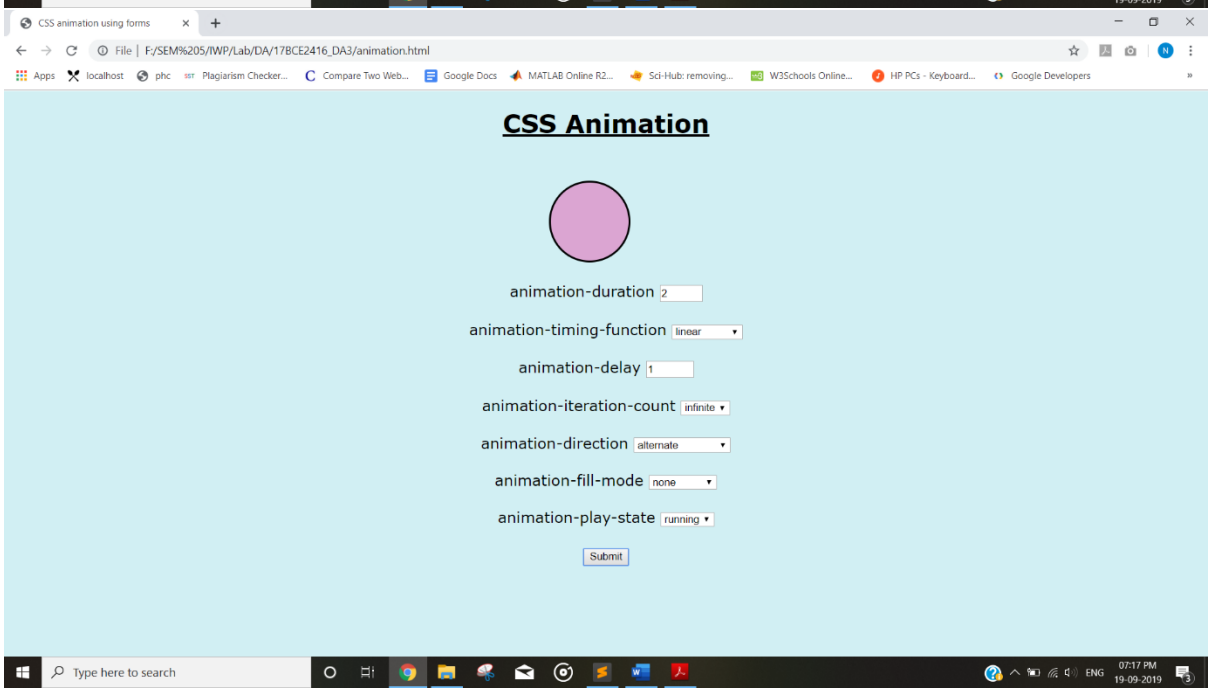
```
		</select><br><br>

		<label for="animation_fill_mode">animation-fill-mode</label>
		<select name="animation_fill_mode" required>
			<option value=""></option>
			<option value="none">none</option>
			<option value="forwards">forwards</option>
			<option value="backwards">backwards</option>
			<option value="both">both</option>
		</select><br><br>

		<label for="animation_play_state">animation-play-state</label>
		<select name="animation_play_state" required>
			<option value=""></option>
			<option value="running">running</option>
			<option value="paused">paused</option>
		</select><br><br>

		<input type="submit" name="Try it" onclick="anim(); return false;">
</form>
</div>
</div>

<script type="text/javascript">

		function anim(){

			var delay = document.myForm.animation_delay.value;
			var count = document.myForm.animation_iteration_count.value;
			var direction = document.myForm.animation_direction.value;
			var timing = document.myForm.animation_timing_function.value;
			var fillmode = document.myForm.animation_fill_mode.value;
			var duration = document.myForm.animation_duration.value;
			var playstate = document.myForm.animation_play_state.value;

			var a="anima ";
			console.log("inside animate function");
			if (duration)
				a+=duration+"s "
			if (timing)
				a+=timing+" "
			if (delay)
				a+=delay+"s "
			if (count)
				a+=count+" "
			if (direction)
				a+=direction+" "
			if (fillmode)
				a+=fillmode+" "
			if (playstate)
				a+=playstate
```

```
                console.log(a);
                document.getElementById("ani").style.animation = a;
            }
        </script>
</body>
</html>
```






CSS animation using forms
File | F:/SEM%205/IWP/Lab/DA/17BCE2416_DA3/animation.html
CSS Animation
tion-duration 2
animation-timing-function linear
animation-delay 1
animation-iteration-count infinite
animation-direction alternate
animation-fill-mode none
animation-play-state running
Submit
Type here to search
ENG
07:17 PM
19-09-2019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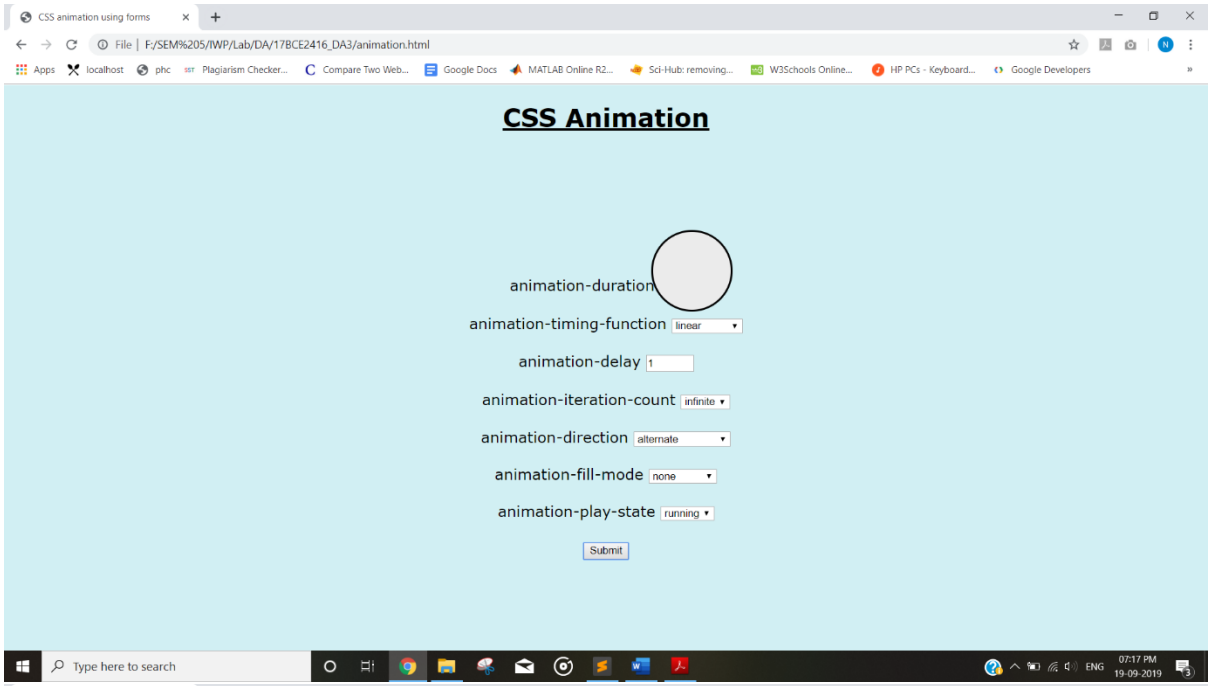
animation-direction alternate
animation-fill-mode none
animation-play-state running
Submit
Type here to search
ENG
07:17 PM
19-09-2019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animation-play-state running
Submit
Type here to search
ENG
07:17 PM
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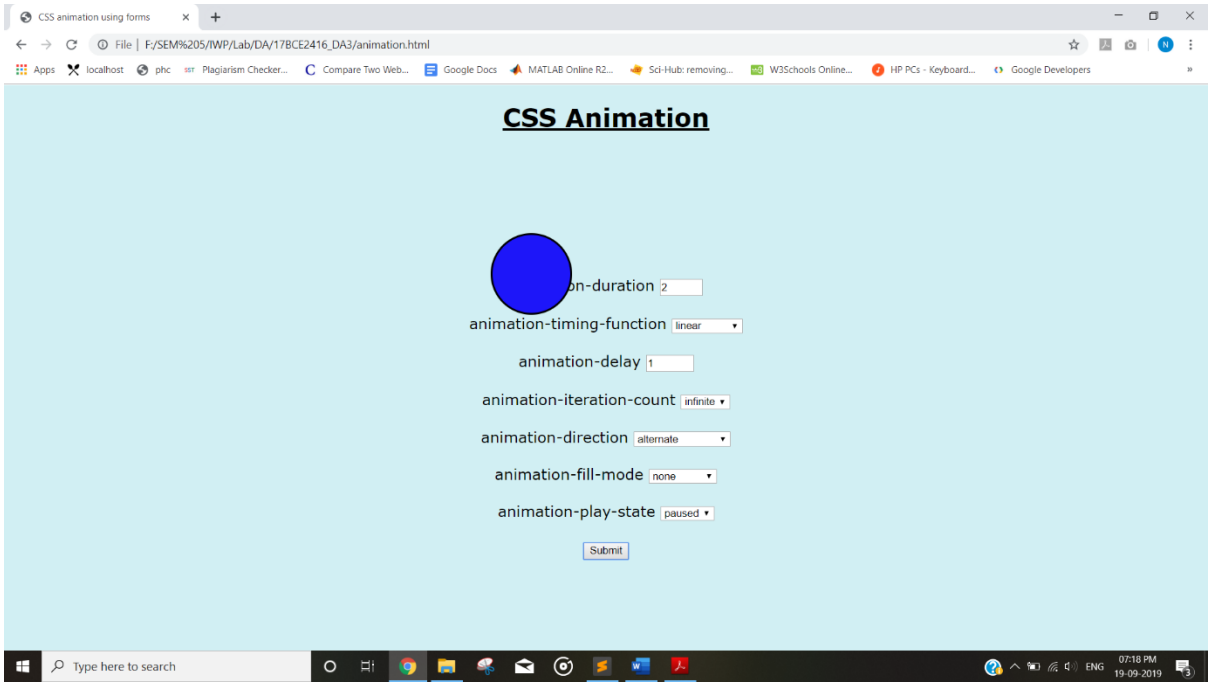
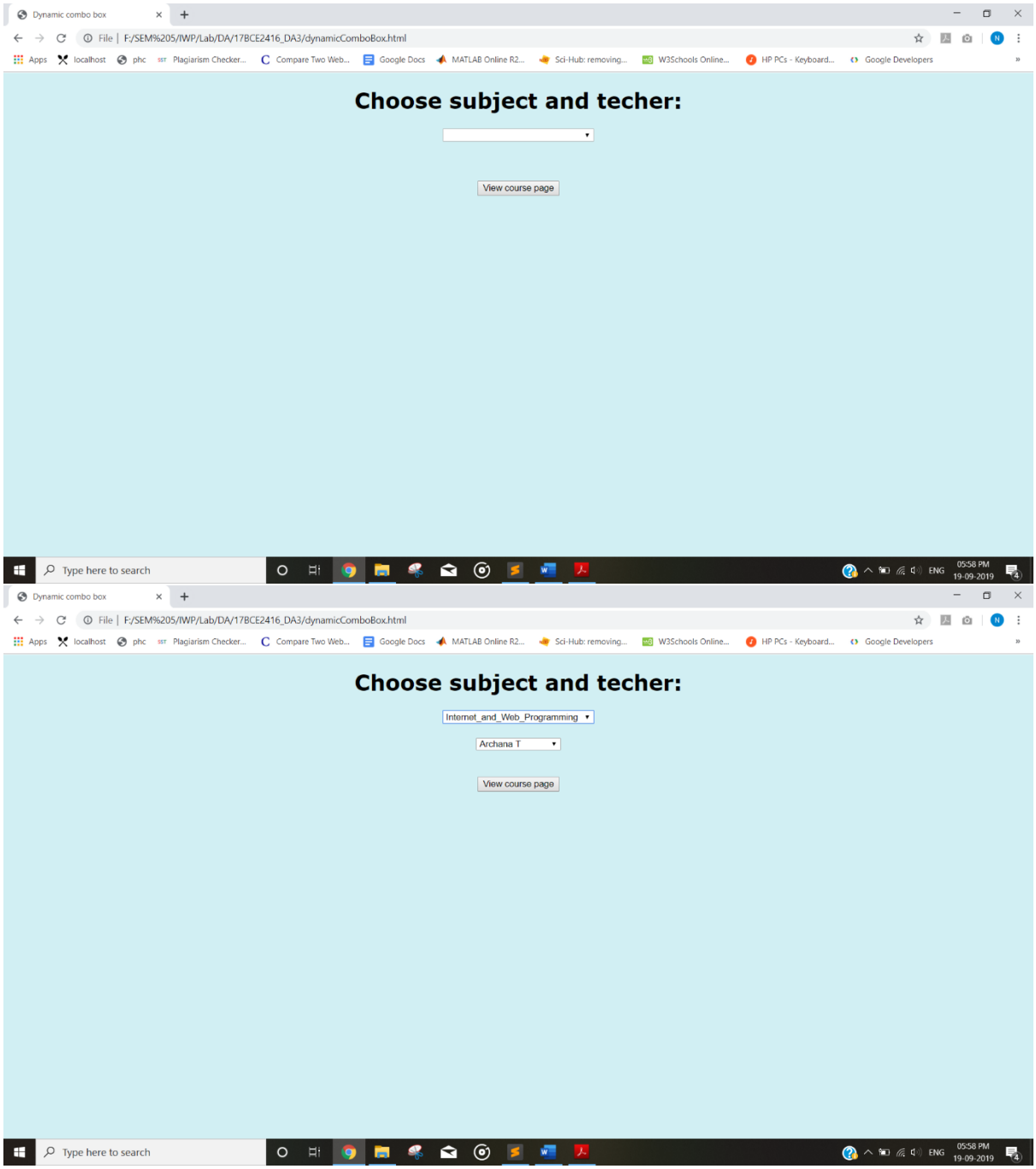
CSS animation using forms
File | F:/SEM%205/IWP/Lab/DA/17BCE2416_DA3/animation.html
CSS Animation
animation-duration 2
animation-timing-function linear
animation-delay 1
animation-iteration-count infinite
animation-direction alternate
animation-fill-mode none
animation-play-state running
Submit
Type here to search
ENG
07:17 PM
19-09-2019

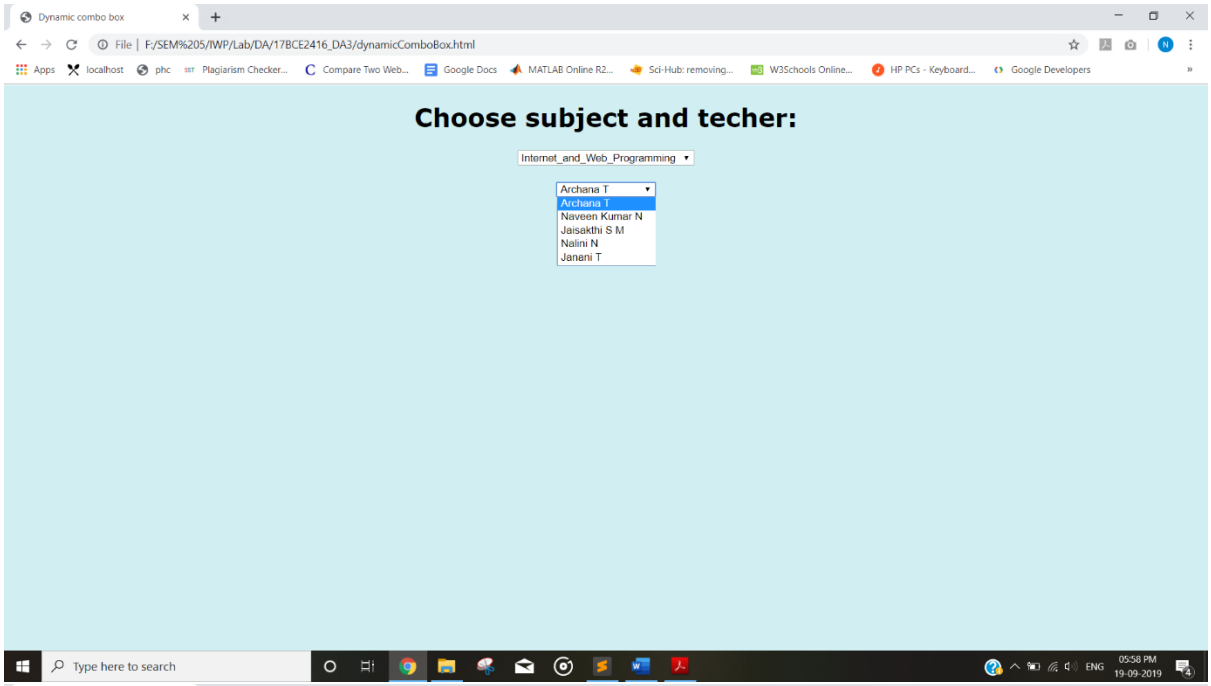


3. Create a dynamic combobox based on the user choice. for example if a State Combobox has a selection of Tamilnadu then the cities combobox must reflect districts in Tamilnadu dynamically.

```
<!DOCTYPE html>
<head>
	<title>Dynamic combo box</title>
	<style type="text/css">
		body{
			font-family: Verdana;
			background-color: rgba(209, 239, 243, 1);
			text-align: center;
		}
	</style>
</head>
<body>
	<h1>Choose subject and techer:</h1>
	<form name="myForm">
		<select name="subject" id="subject">
			<option></option>
			<option
value="Internet_and_Web_Programming">Internet_and_Web_Programming</option>
			<option
value="Microprocessors_and_Interfacing">Microprocessors_and_Interfacing</option>
			<option
value="Blockchain_and_Cryptocurrencies">Blockchain_and_Cryptocurrencies</option>
			<option value="Java_Programming">Java_Programming</option>
			<option value="Virtualization">Virtualization</option>
		</select><br><br>

		<div id="optlist"></div><br><br>
```

```
		<input type="submit" name="submit" value="View course page"><br><br>
	</form>
	<script type="text/javascript">
		var obj = {
			Internet_and_Web_Programming : ["Archana T", "Naveen Kumar N",
"Jaisakthi S M", "Nalini N", "Janani T"],
			Microprocessors_and_Interfacing : ["Krishnamoorthy A", "Rajkumar K",
"Elizebeth Zachariah"],
			Blockchain_and_Cryptocurrencies : ["Umadevi K S", "Balakrishnan P",
"Madhu Viswanatham V"],
			Java_Programming : ["Jaisankar N", "Srivani A", "Priya G",
"Balasubramanian V"],
			Virtualization : ["Shanmugam G", "Jothi K R", "Kalyanamraman P"]
		};

		document.getElementById("subject").addEventListener("change", showoptions);

		function showoptions(){
			var opt = "<select name='teachers'>";
			var subject = document.myForm.subject.value;
			obj[subject].forEach(function(t){
				opt+="<option>"+t+"</option>";
			});
			opt+="</select>";
			document.getElementById('optlist').innerHTML = opt;
		}
	</script>
</body>
</html>
```


Dynamic combo box
File | F:/SEM%205/IWP/Lab/DA/17BCE2416_DA3/dynamicComboBox.html
Apps
localhost
phc
Plagiarism Checker...
Compare Two Web...
Google Docs
MATLAB Online R2...
Sci-Hub: removing...
W3Schools Online...
HP PCs - Keyboard...
Google Developers
Choose subject and techer:
View course page
Type here to search
ENG
05:58 PM
19-09-2019
Dynamic combo box
File | F:/SEM%205/IWP/Lab/DA/17BCE2416_DA3/dynamicComboBox.html
Apps
localhost
phc
Plagiarism Checker...
Compare Two Web...
Google Docs
MATLAB Online R2...
Sci-Hub: removing...
W3Schools Online...
HP PCs - Keyboard...
Google Developers
Choose subject and techer:
Internet_and_Web_Programming
Archana T
View course page
Type here to search
ENG
05:58 PM
19-09-2019


Dynamic combo box
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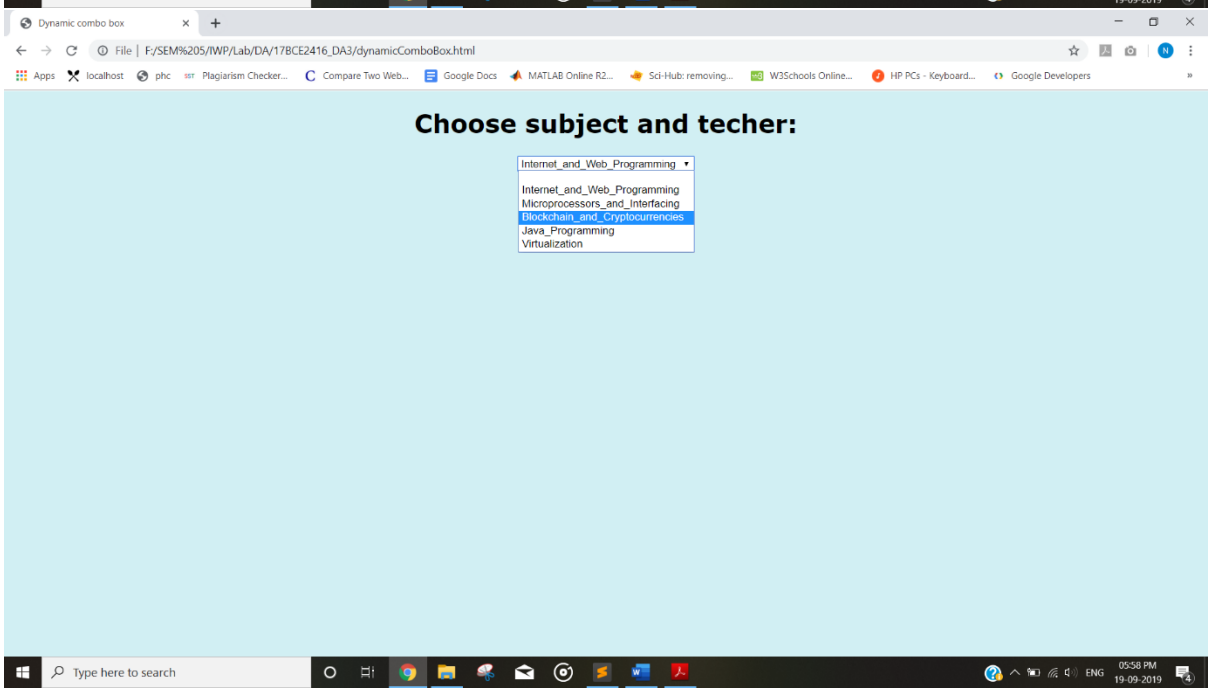
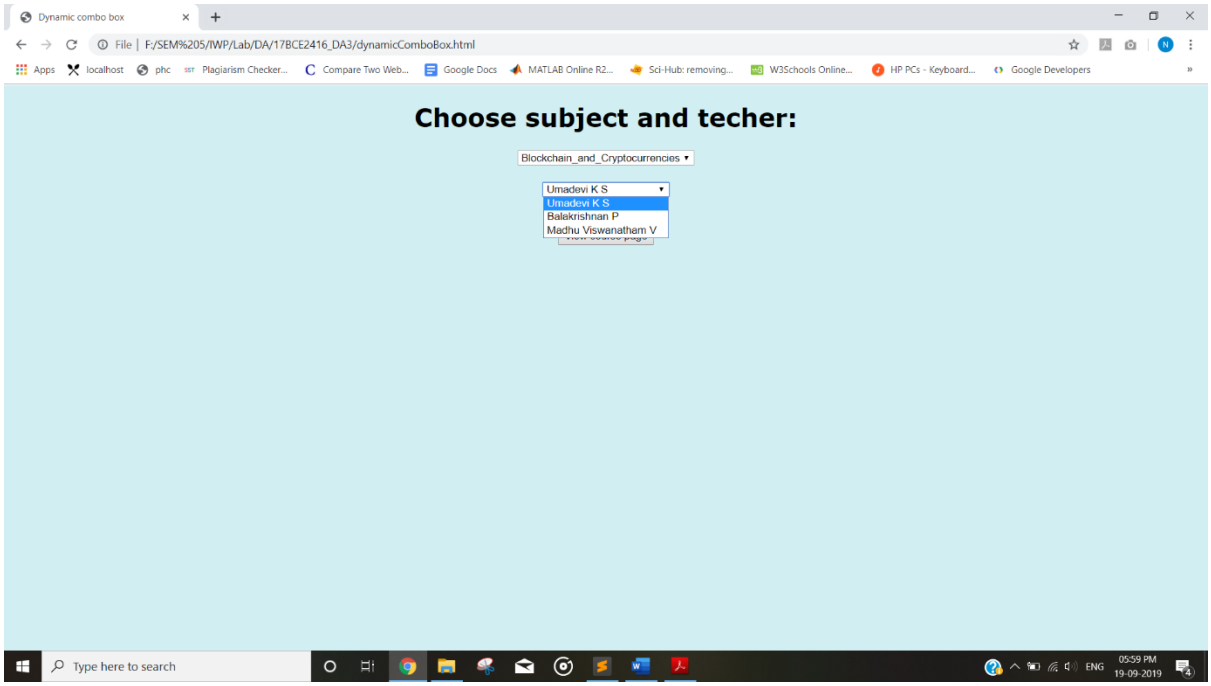
Apps
localhost
phc
Plagiarism Checker...
Compare Two Web...
Google Docs
MATLAB Online R2...
Sci-Hub: removing...
W3Schools Online...
HP PCs - Keyboard...
Google Developers
Choose subject and techer:
Internet_and_Web_Programming
Archana T
Archana T
Naveen Kumar N
Jaisakthi S M
Nalini N
Janani T
Type here to search
ENG
05:58 PM
19-09-2019

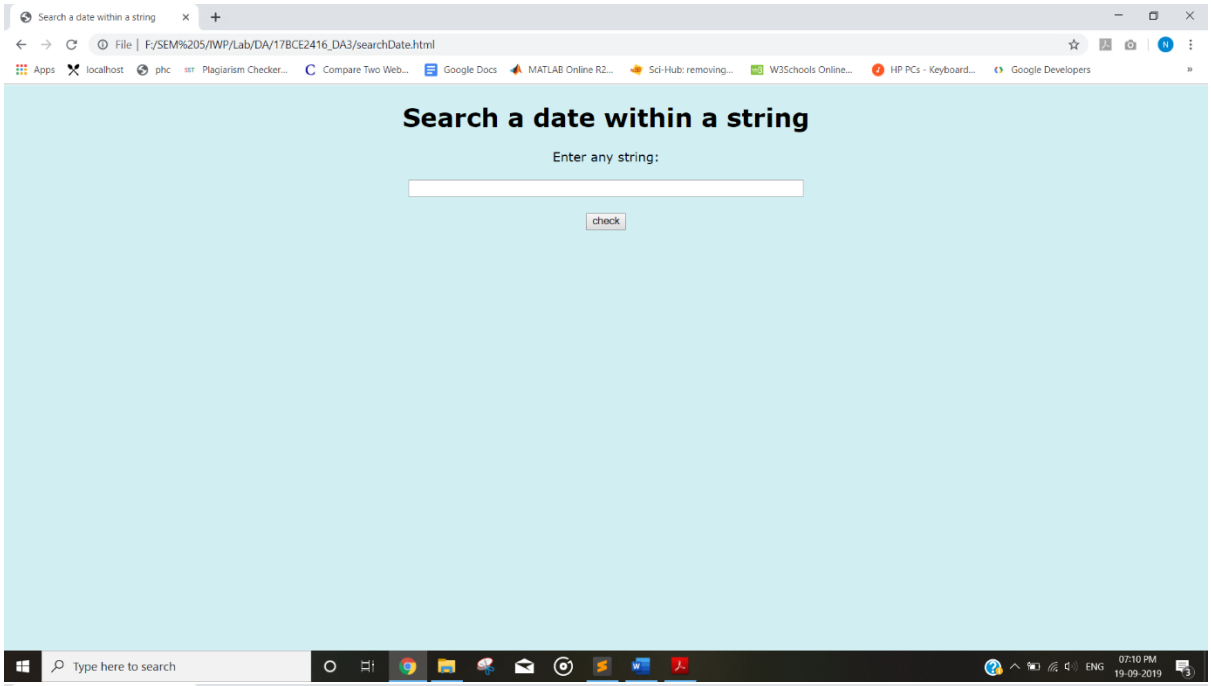

Dynamic combo box
File | F:/SEM%205/IWP/Lab/DA/17BCE2416_DA3/dynamicComboBox.html
Apps
localhost
phc
Plagiarism Checker...
Compare Two Web...
Google Docs
MATLAB Online R2...
Sci-Hub: removing...
W3Schools Online...
HP PCs - Keyboard...
Google Developers
Choose subject and techer:
Internet_and_Web_Programming
Internet_and_Web_Programming
Microprocessors_and_Interfacing
Blockchain_and_Cryptocurrencies
Java_Programming
Virtualization
Type here to search
ENG
05:58 PM
19-09-2019

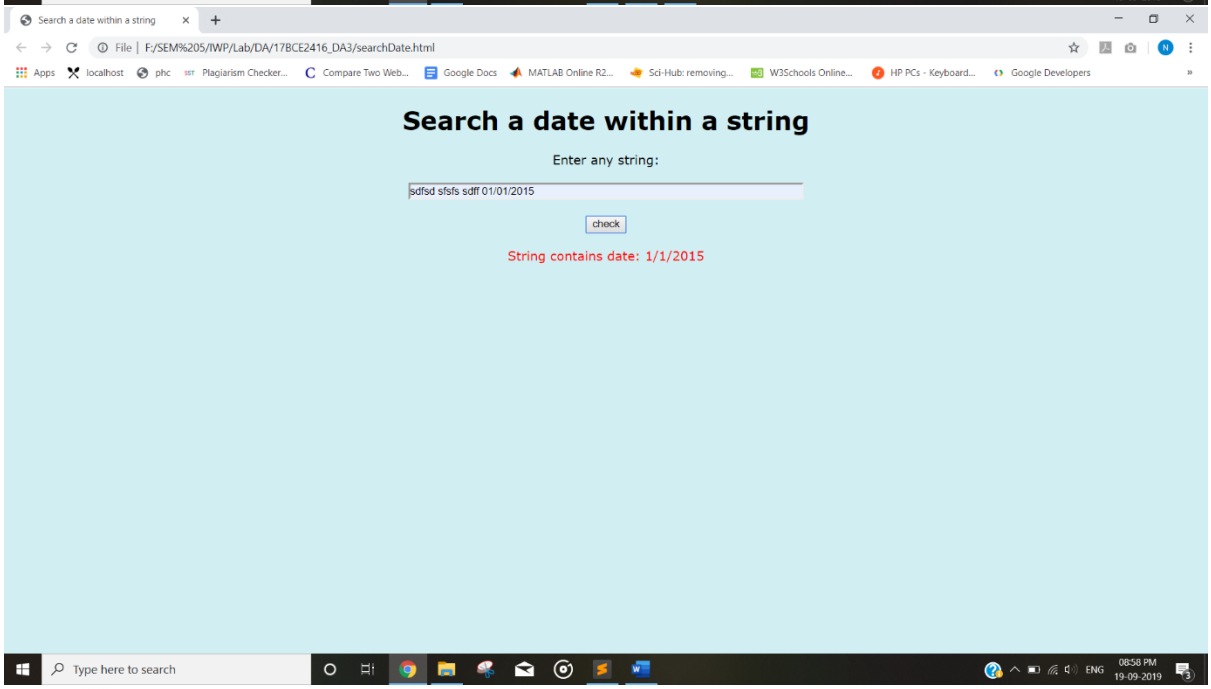


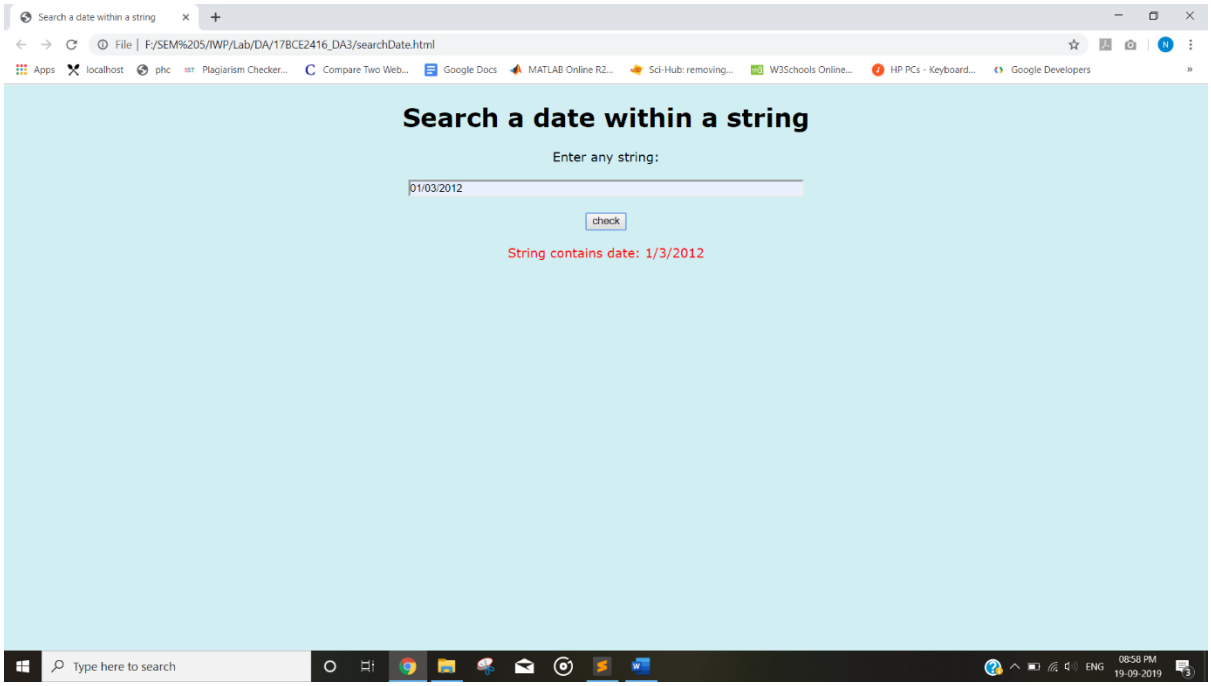
4. Write a JavaScript program to search a date within a string

```
<!DOCTYPE html>
<head>
	<title>Search a date within a string</title>
	<style type="text/css">
		body{
			font-family: Verdana;
			background-color: rgba(209, 239, 243, 1);
			text-align: center;
		}
		#msg{
			color: red;
		}
		input[type="text"]{
			width: 500px;
		}
	</style>
</head>
<body>
	<h1>Search a date within a string</h1>
	<form name="myForm">
		<label for="str">Enter any string:</label><br><br>
		<input type="text" name="str" required><br><br>
		<input type="submit" name="submit" value="check" onclick="checkdate(); return
false;">
	</form>
	<br>
	<div id="msg"></div>

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

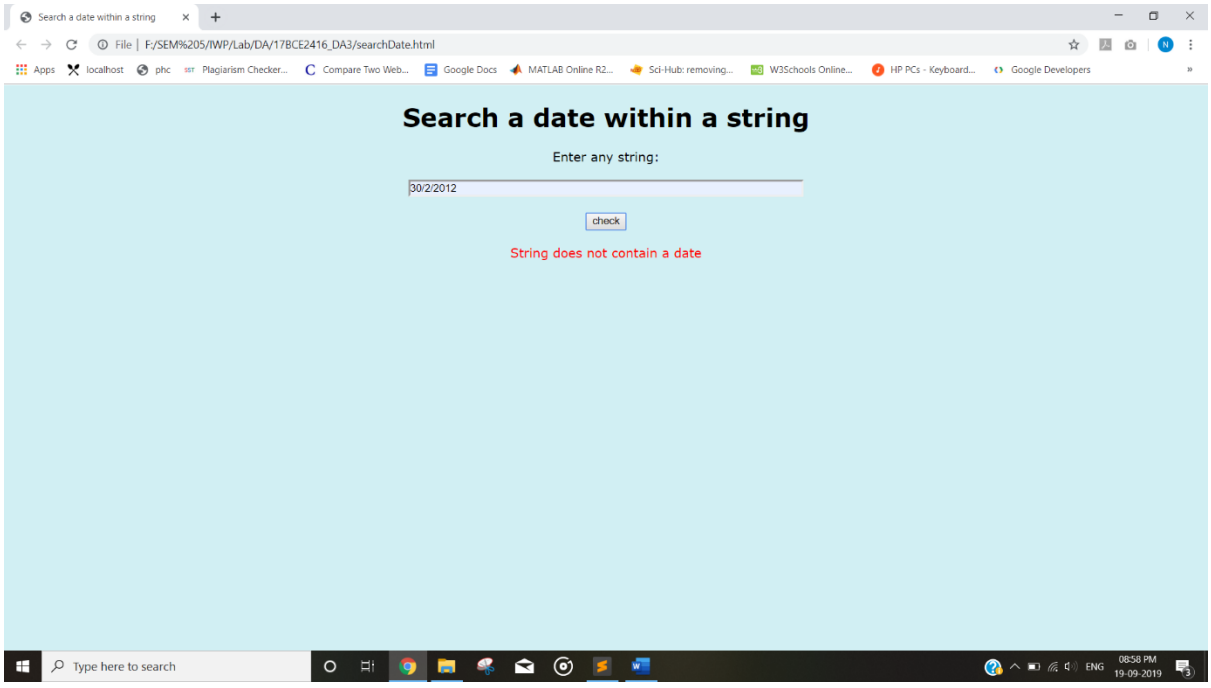
```
		function checkdate(){
			var str = document.myForm.str.value;
			var msg = "String does not contain a date";
			console.log(str);
			if (str){
				var pattern = /\d{2}[-.\/]\d{2}(?:[-.\/]\d{2}(\d{2})?)?/g;
				str = pattern.exec(str);
				if(str){
					var date = str[0].split("/");
					for(x in date){
						date[x] = parseInt(date[x]);
					}
					var isdate = false;
					if (date[1] == 1 || date[1] == 3 || date[1] == 5 || date[1] == 7 ||
date[1] == 8 || date[1] == 10 || date[1] == 11){
						if (date[0]<32)
							isdate = true;
					}
					else if(date[1] == 2){
						if ((date[2]%4==0 && date[0]==29) ||
(date[2]%4!=0 && date[0]==28))
							isdate=true;
					}
					else if(date[1]<31)
						isdate=true;

					if(isdate)
						msg = "String contains date:
"+date[0]+"/"+date[1]+"/"+date[2];
				}
		document.getElementById('msg').innerHTML = msg;
	}
		}

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

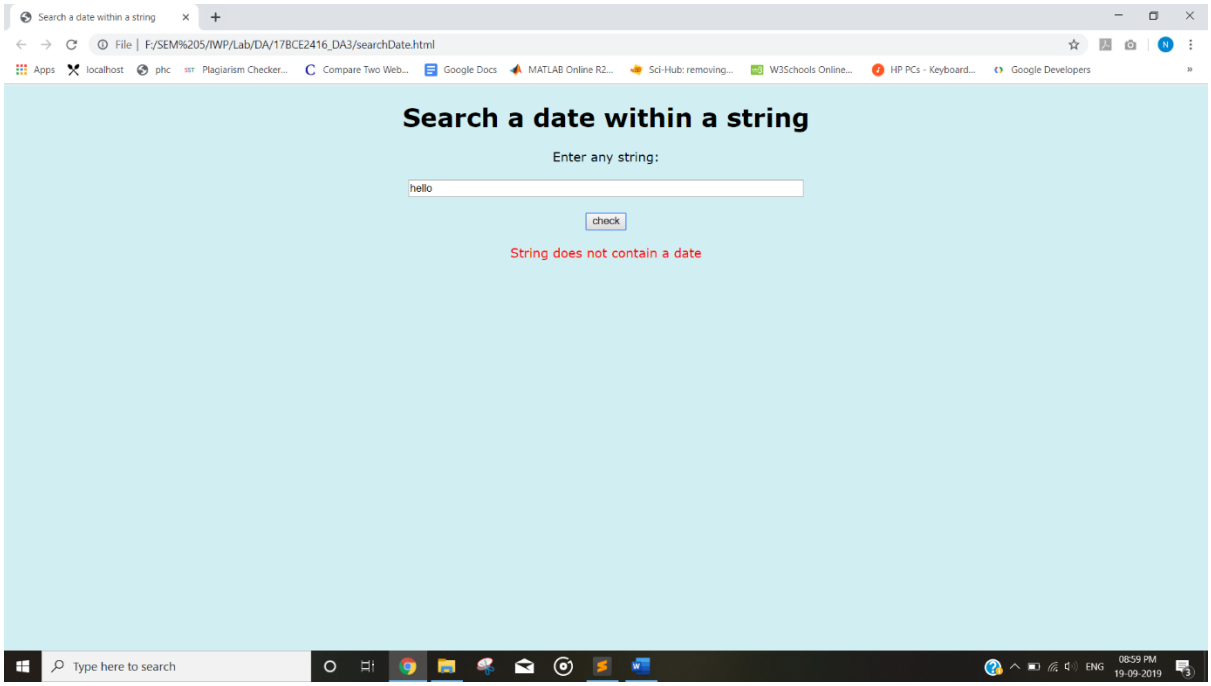

Search a date within a string
File | F:/SEM%205/IWP/Lab/DA/17BCE2416_DA3/searchDate.html
Search a date within a string
Enter any string:
check
Type here to search
ENG
07:10 PM
19-09-2019


Search a date within a string
File | F:/SEM%205/IWP/Lab/DA/17BCE2416_DA3/searchDate.html
Search a date within a string
Enter any string:
sdfsd sfsfs sdff 01/01/2015
check
String contains date: 1/1/2015
Type here to search
ENG
08:58 PM
19-09-2019



Invalid date:

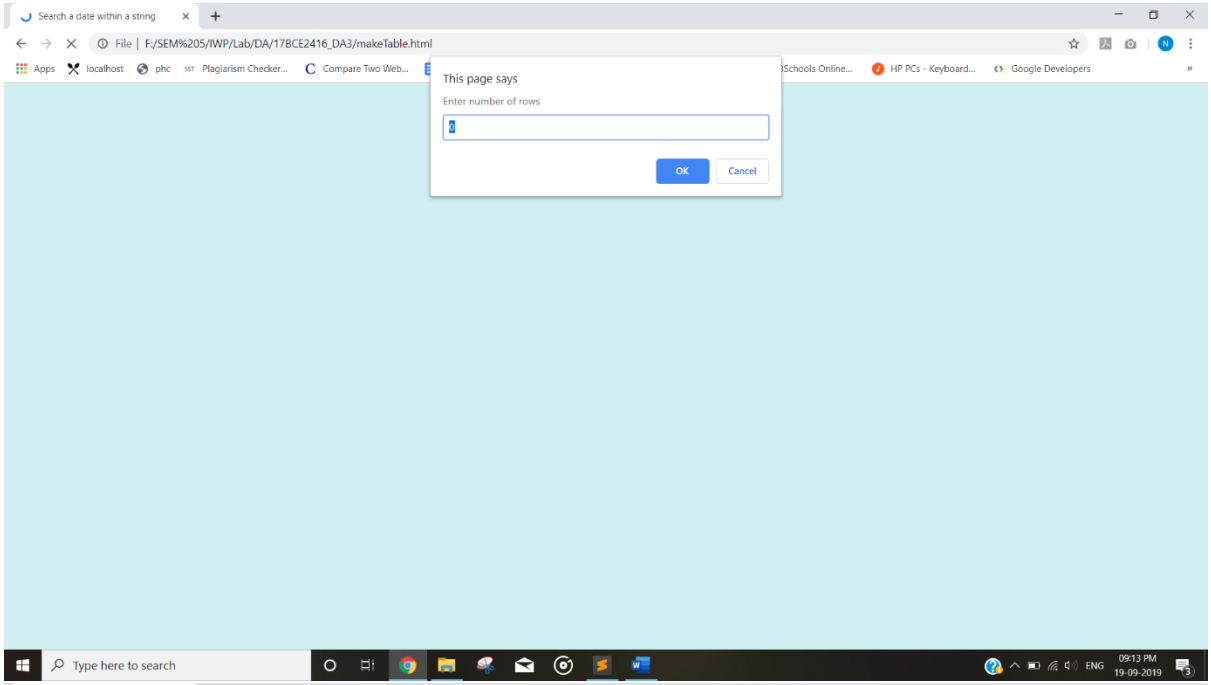


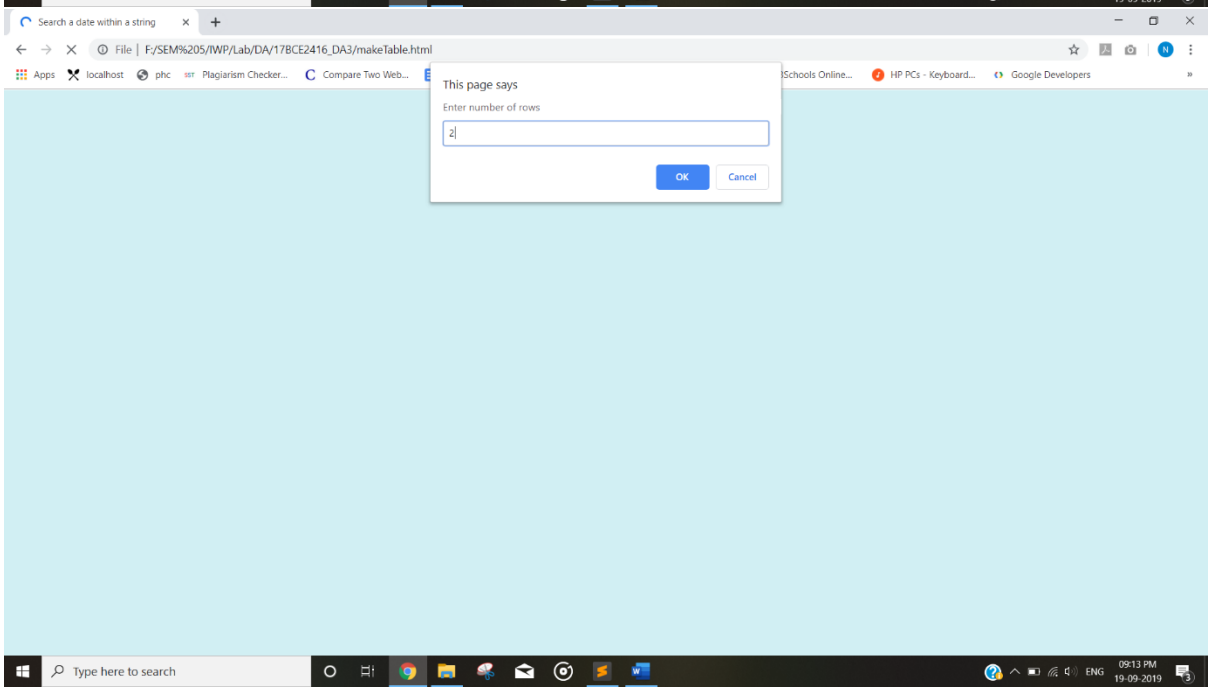


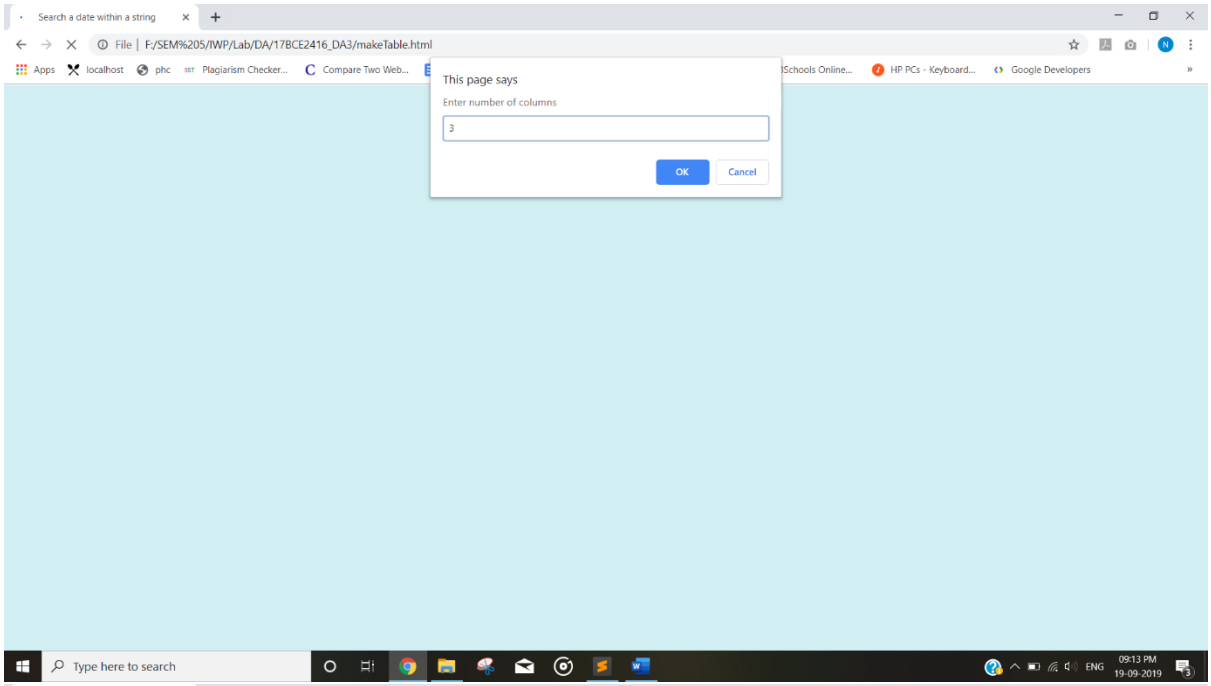
5. Write a JavaScript function that creates a table, accept row, column numbers from the user, and input row-column number as content (e.g. Row-0 Column-0) of a cell.

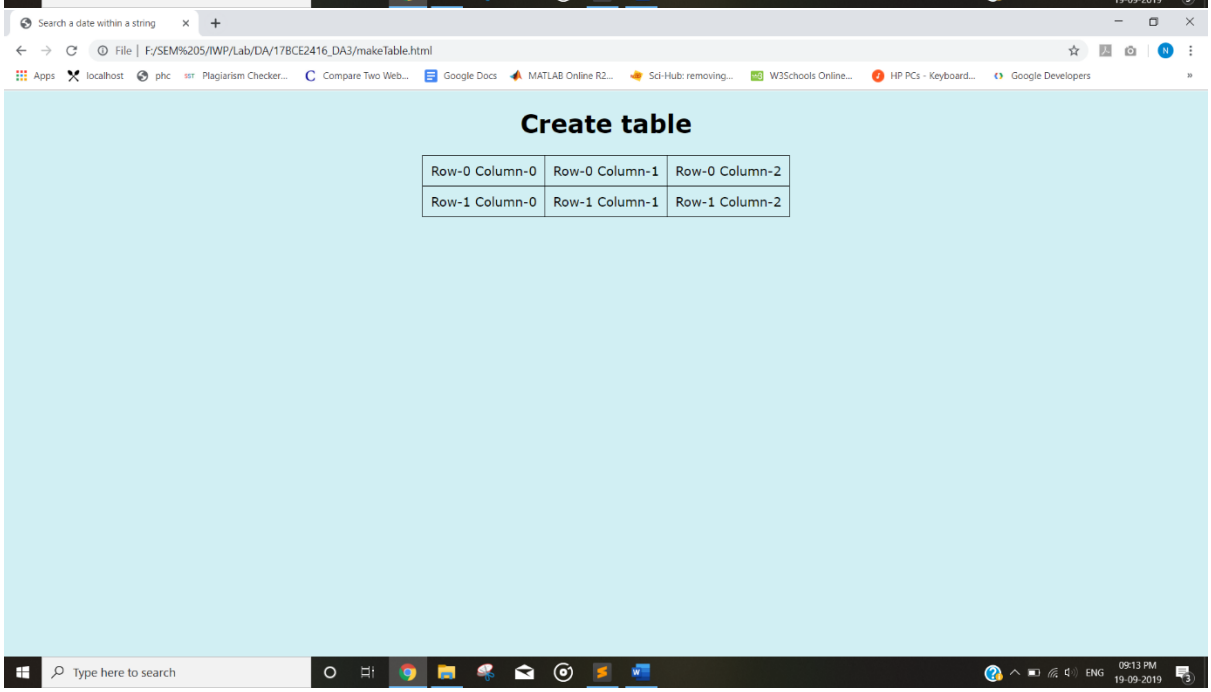
```
<!DOCTYPE html>
<head>
	<title>Search a date within a string</title>
	<style type="text/css">
		body{
			font-family: Verdana;
			background-color: rgba(209, 239, 243, 1);
			text-align: center;
		}
		table{
			margin: auto;
			border-collapse: collapse;
		}
		td{
			padding: 10px;
			border: 1px solid black;
		}
	</style>
</head>
<body>
	<h1>Create table</h1>
	<div id="tab">
	</div>

	<script type="text/javascript">
		var rows = prompt('Enter number of rows', 0);
		var cols = prompt('Enter number of columns', 0);
		var tab = "<table>";
```

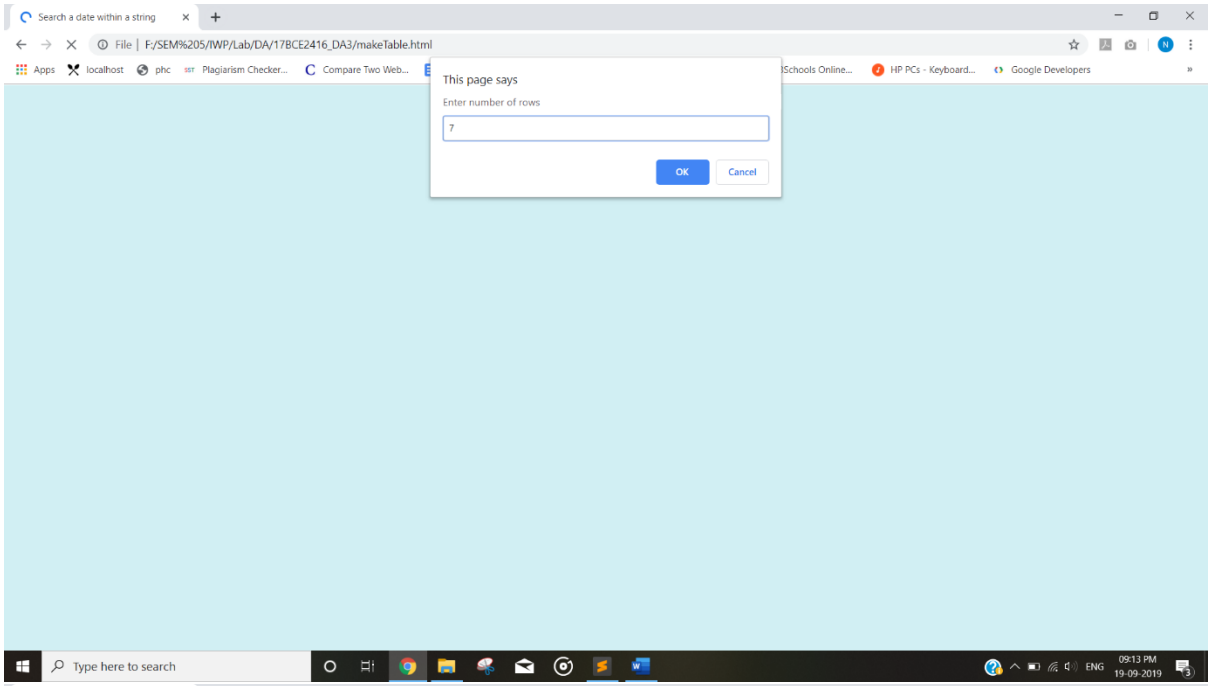
```
                for(var i=0; i<rows; i++){
                        tab+="<tr>";
                        for(var j=0; j<cols; j++){
                                tab+="<td>Row-"+i+" Column-"+j+"</td>"
                        }
                        tab+="</tr>";
                }
                tab+="</table>";
                document.getElementById('tab').innerHTML = tab;
        </script>
</body>
</html>
```

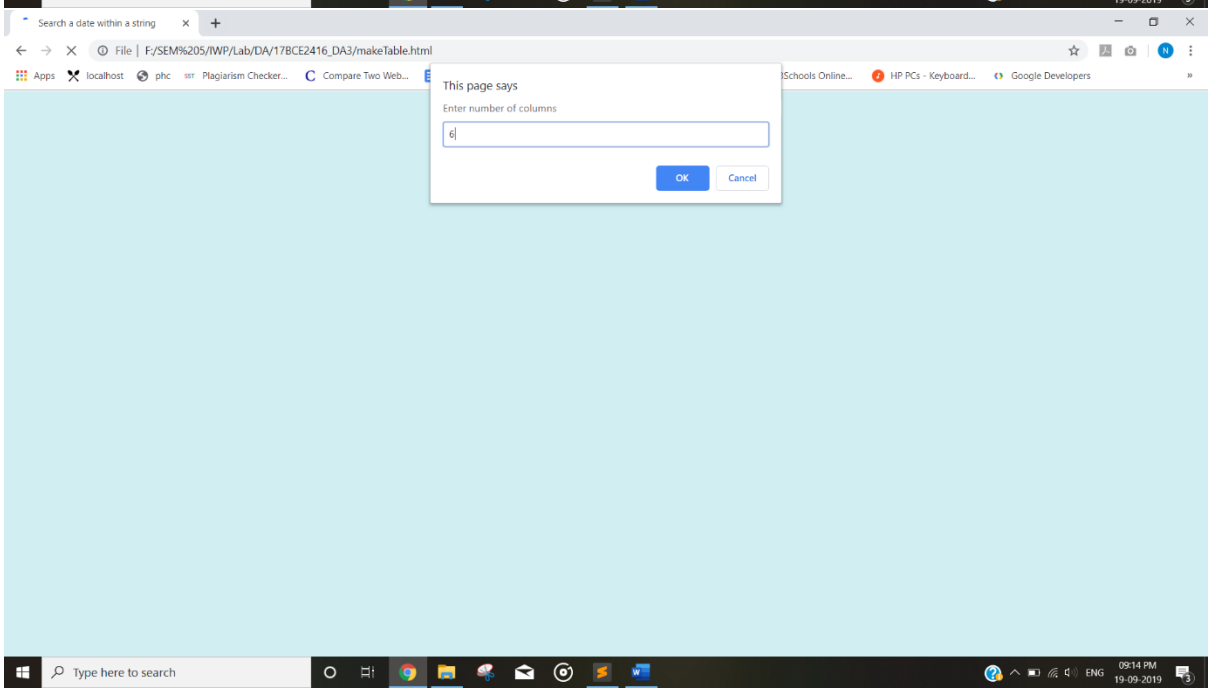


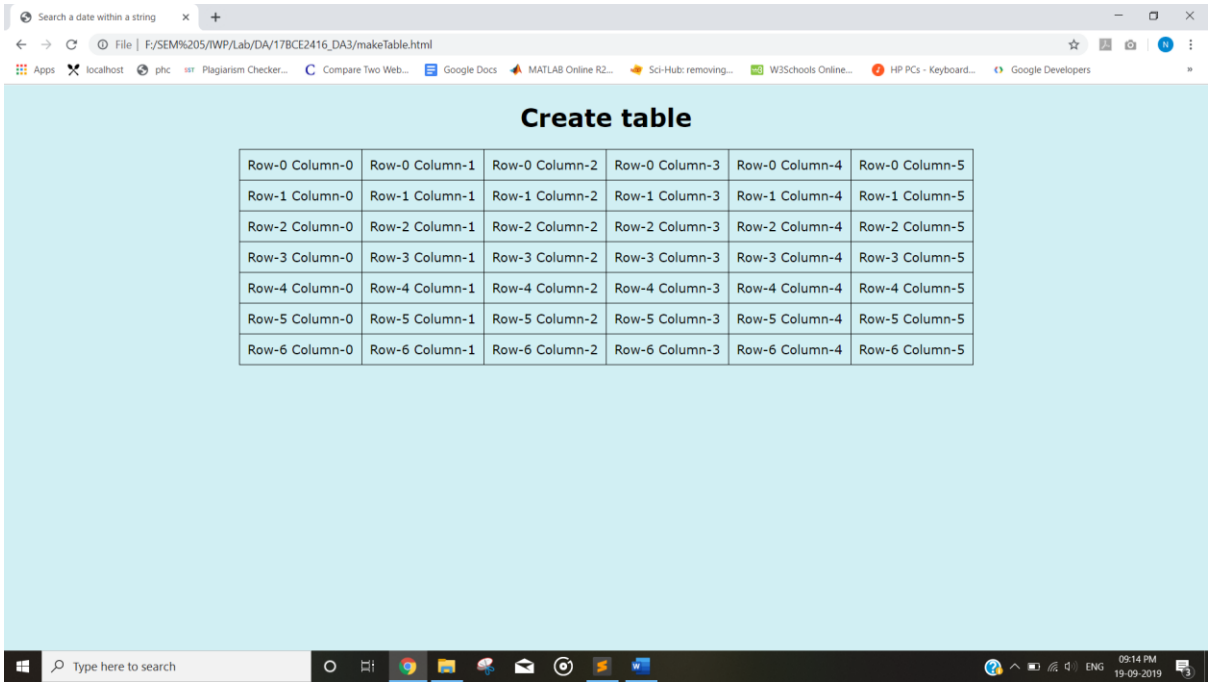



Search a date within a string
File | F:/SEM%205/IWP/Lab/DA/17BCE2416_DA3/makeTable.html
Apps
localhost
phc
Plagiarism Checker...
Compare Two Web...
HP PCs - Keyboard...
Google Developers
This page says
Enter number of columns
3
OK
Cancel
Type here to search
ENG
09:13 PM
19-09-2019


Search a date within a string
File | F:/SEM%205/IWP/Lab/DA/17BCE2416_DA3/makeTable.html
Apps
localhost
phc
Plagiarism Checker...
Compare Two Web...
Google Docs
MATLAB Online R2...
Sci-Hub: removing...
W3Schools Online...
HP PCs - Keyboard...
Google Developers
Create table
Row-0 Column-0
Row-0 Column-1
Row-0 Column-2
Row-1 Column-0
Row-1 Column-1
Row-1 Column-2
Type here to search
ENG
09:13 PM
19-09-2019


Search a date within a string
File | F:/SEM%205/IWP/Lab/DA/17BCE2416_DA3/makeTable.html
Apps
localhost
phc
Plagiarism Checker...
Compare Two Web...
Schools Online...
HP PCs - Keyboard...
Google Developers
This page says
Enter number of rows
7
OK
Cancel
Type here to search
ENG
09:13 PM
19-09-2019

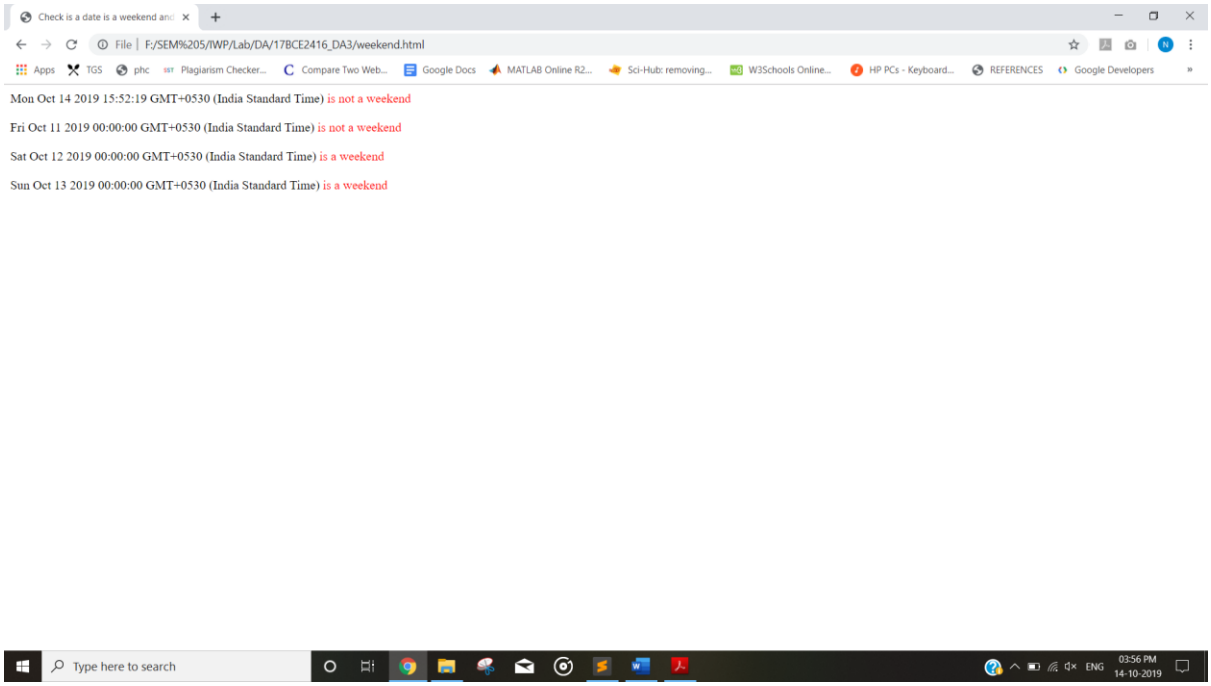

Search a date within a string
File | F:/SEM%205/IWP/Lab/DA/17BCE2416_DA3/makeTable.html
Apps
localhost
phc
Plagiarism Checker...
Compare Two Web...
Schools Online...
HP PCs - Keyboard...
Google Developers
This page says
Enter number of columns
6
OK
Cancel
Type here to search
ENG
09:14 PM
19-09-2019



6. Write a JavaScript function to test whether a date is a weekend and to get the last day of a month.

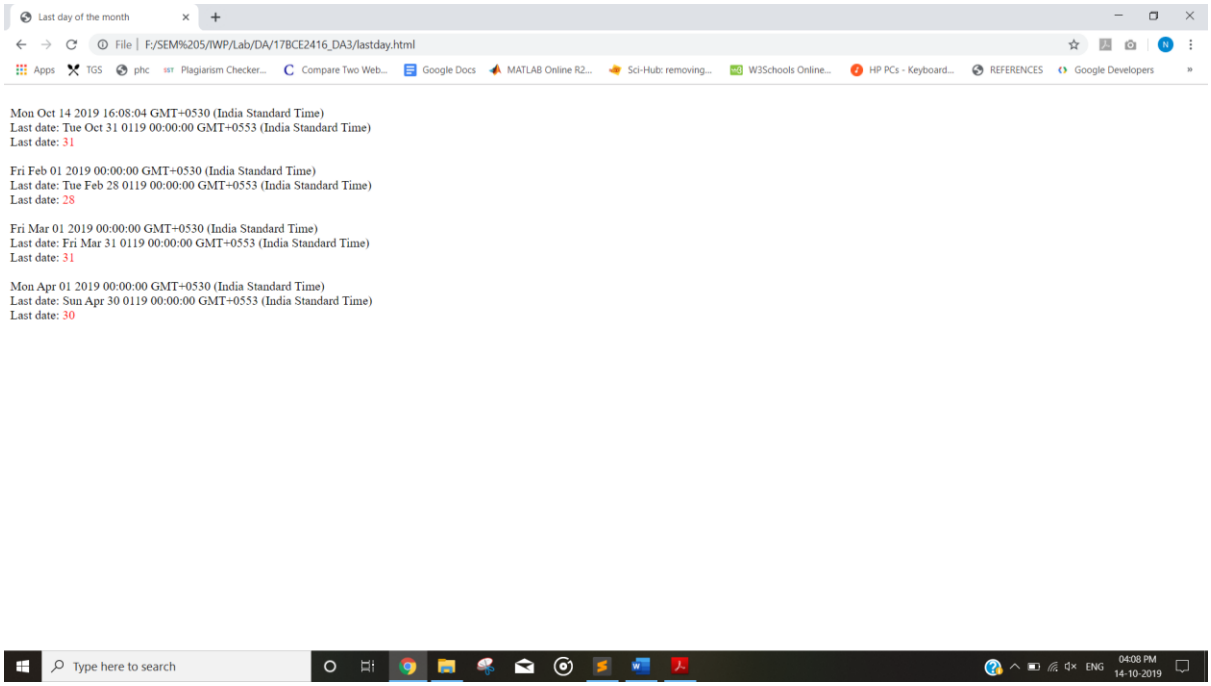
<u>To check if a date is a weekend:</u>

```
<!DOCTYPE html>
<html>
<head>
	<title>Check if a date is a weekend</title>
</head>
<body>
	<script type="text/javascript">
		function isSatSun(dt){
		if(dt.getDay() == 0 || dt.getDay() == 6)
		document.write(dt+" <span style='color:red;'>is a weekend</span><br><br>");
	    else
		document.write(dt+" <span style='color:red;'>is not a weekend</span><br><br>");
		}

		isSatSun(new Date());
		isSatSun(new Date(2019, 9, 11));
		isSatSun(new Date(2019, 9, 12));
		isSatSun(new Date(2019, 9, 13));
	</script>
</body>
</html>
```

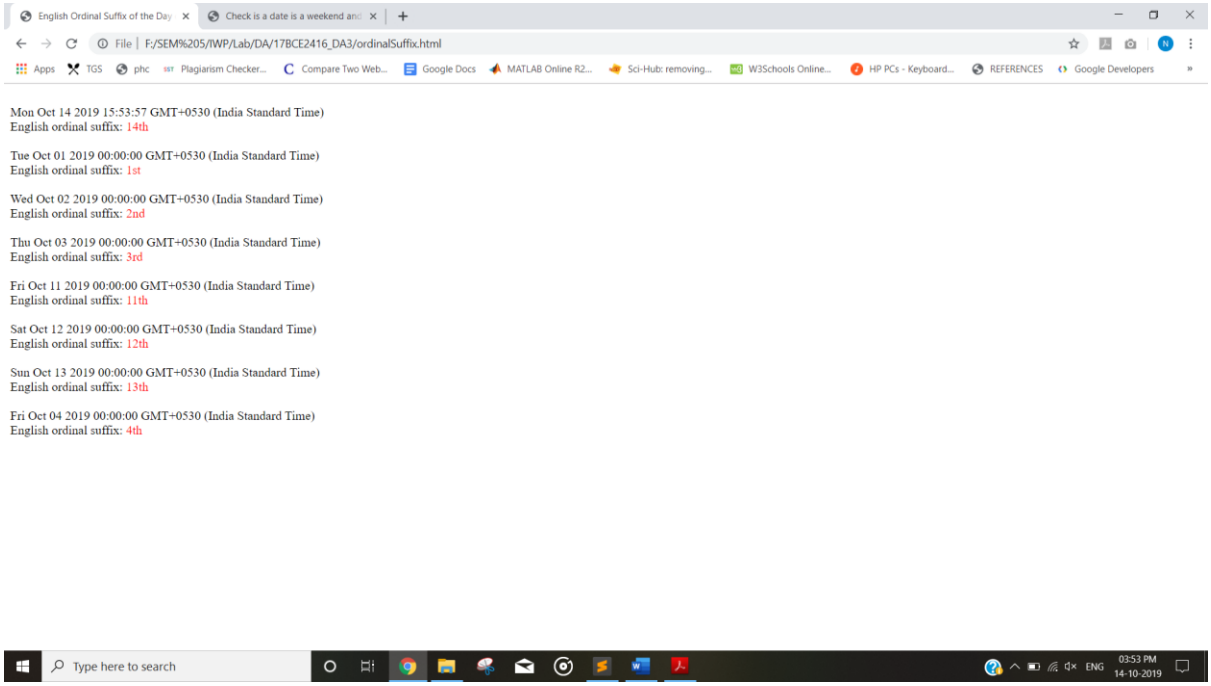


To get the last day of the month:

```
<!DOCTYPE html>
<html>
<head>
	<title>Last day of the month</title>
</head>
<body>
	<script type="text/javascript">
		function lastDay(dt){
			document.write('<br>'+dt);
			var month = dt.getMonth();
			var year = dt.getYear();
			var lastD = new Date(year, month+1, 0);
			document.write('<br>Last date: '+lastD);
			document.write('<br>Last date: <span
style="color:red;">'+lastD.getDate()+'</span><br>');
		}
		lastDay(new Date());
		lastDay(new Date(2019, 1));
		lastDay(new Date(2019, 2));
		lastDay(new Date(2019, 3));
	</script>
</body>
</html>
```



7. Write a JavaScript function to get English ordinal suffix for the day of the month, 2 characters (st, nd, rd or th).

```
<!DOCTYPE html>
<html>
<head>
	<title>English Ordinal Suffix of the Day of the Month</title>
</head>
<body>
	<script type="text/javascript">
		function suffix(dt)
		 {
		  document.write('<br>'+dt);
		  var result;
		  var date = dt.getDate();

		  if(date % 10 == 1 && date != 11 )
			result = 'st';
		  else if(date % 10 == 2 && date != 12)
			result = 'nd';
		  else if(date % 10 == 3 && date != 13)
			result = 'rd';
		  else
			result = 'th';

		  document.write('<br>English ordinal suffix: <span
style="color:red;">'+date+result+'</span><br>');
		 }

		suffix(new Date());
		suffix(new Date(2019, 9, 1));
```

```
                suffix(new Date(2019, 9, 2));
                suffix(new Date(2019, 9, 3));
                suffix(new Date(2019, 9, 11));
                suffix(new Date(2019, 9, 12));
                suffix(new Date(2019, 9, 13));
                suffix(new Date(2019, 9, 4));
        </script>
</body>
</html>
```