

## **INTERNET AND WEB PROGRAMMING**

### **CSE3002**

### **EXPERIMENT-7**

#### **HTML DOM Java Script**

Design an e-newspaper using HTML DOM/JavaScript with following features:

- 1) Add buttons to change the headlines, content and author with respect to the date
- 2) Customize the advertisements page based on the requirement

#### **Code**

**HTML :-**

```
<html>
<head>
<script src="script.js"></script>
<link rel="stylesheet" href="style.CSS" />
<style media="screen">
body {
font-family: 'Brush Script MT', cursive;
}
h3{
    color: black;
}
</style>
```

```
</head>
<body>
<h1>Times New Chennai</h1>
<div class="dateSelection">
<h3>Select a Date</h3>
<form id="newsForm" onSubmit="handleSubmit();return false">
<input type="date" id="date" name="date" /><br />
<input type="submit" value="Search..." />
</form>
</div>

<h1 id="heading"></h1>
<p id="author"></p>
<p id="details"></p>
</html>
```

## CCS:-

```
*{
    text-align: center;
    margin: 0;
    padding: 0;
}
.dateSelection{ background-color: #FF5F9E; color: white;
font-size: 30px; font-weight: bold; padding: 30px;
} input {
```

```
background-color: white; width: 60%;  
height: 35px; border-radius: 5px;  
margin: 10px;  
font-size: 20px;  
}  
input[type=submit]{ background-color: #FF5F9E; color: white; font-weight:  
bold;  
} #heading{  
    font-size: 50px;  
    font-weight: bold;  
    color: #FF5F9E;  
    padding: 30px;  
} #author{  
    text-align: right;  
    padding: 5px 20px;  
    font-size: 18px;  
} #details{  
    text-align: justify;  
    padding: 5px 50px;  
    font-size: 18px;  
}
```

## Javascript:-

```
const news={ "2023-02-12":{  
  heading:"India vs Australia, 2nd Test Day 3 Highlights: Ravindra Jadeja Stars As  
  India Beat Australia By 6 Wickets, Take 2-0 Lead", author:"Athul Shanker",  
  details:"India defeated Australia by 6 wickets in the second Test to take an  
  unassailable lead of 2-0 in the four-match series. Chasing a target of 115 in the  
  fourth innings, India comfortably reached home, thanks to Cheteshwar Pujara's  
  unbeaten 31. During the innings, Virat Kohli became the fastest batter to score  
  25,000 international runs."  
},  
  "2023-02-13":{  
  heading:"After Student's Suicide, IIT Bombay Plans Curriculum Revamp To Cut  
  Stress",  
  author:"Melbin C Varghes",  
  details:"The Indian Institute of Technology Bombay has formed a panel to  
  conduct a "parallel" probe into the death of a first-year B.Tech student amid  
  allegations of caste bias and has urged its students to come forward if they have  
  relevant information."  
},  
  "2023-02-14":{  
  heading:"US firm to run independent audit of Adani companies after Hindenburg  
  offshoot1",  
  author:"Sree Lakshmi",  
  details:"The appointment marks the first major effort by Adani Group to defend
```

itself in the wake of a January 24 report by Hindenburg that accused it of improper use of offshore tax havens and stock manipulation. India's Adani Group has appointed accountancy firm Grant Thornton for independent audits of some of its companies in a bid to discredit claims by short-seller Hindenburg Research that have battered its stocks and bonds, two people familiar with the matter said on Monday. The appointment marks the first major effort by Adani Group to defend itself in the wake of a Jan. 24 report by Hindenburg that accused it of improper use of offshore tax havens and stock manipulation."

},

}

```
function handleSubmit(){
```

```
var formE1=document.forms.newsForm; var formData=new FormData(formE1);
```

```
const    date=formData.get('date');    const    currentNews=news[date];
```

```
console.log(currentNews);
```

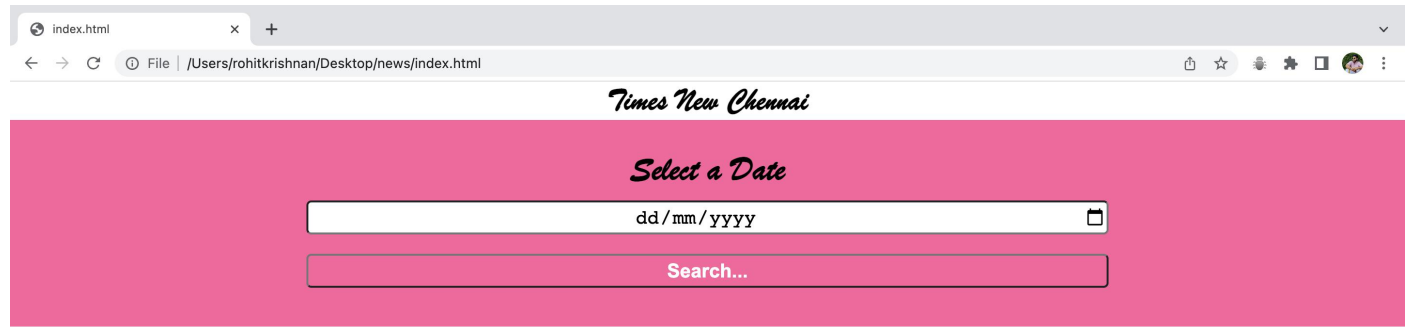
```
document.getElementById("heading").innerHTML=currentNews.heading;
```

```
document.getElementById("author").innerHTML="-    "+currentNews.author;
```

```
document.getElementById("details").innerHTML=currentNews.details;
```

```
}
```

## Output:-



index.html x +

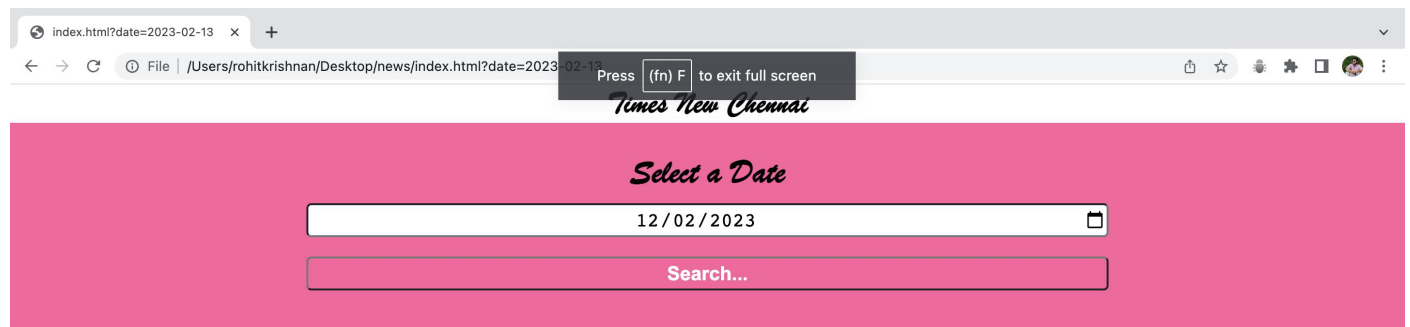
File | /Users/rohitkrishnan/Desktop/news/index.html

Times New Chennai

Select a Date

dd/mm/yyyy

Search...



index.html?date=2023-02-13 x +

File | /Users/rohitkrishnan/Desktop/news/index.html?date=2023-02-13

Press (fn) F to exit full screen

Times New Chennai

Select a Date

12/02/2023

Search...

### *India vs Australia, 2nd Test Day 3 Highlights:*

*India defeated Australia by 6 wickets in the second Test to take an unassailable lead of 2-0 in the four-match series*

- Rohit

*Times New Chennai*

*Select a Date*

13/02/2023 📅

Search...

## *After Student's Suicide, 117 Bombay Plans Curriculum Revamp To Cut Stress*

- Melbin

*Prime Minister Narendra Modi inaugurated the 14th edition of its flagship aero show in Bengaluru, an event seen to be a great business opportunity when New Delhi is looking to push indigenous products, modernise Soviet-era equipment and as domestic carriers add fleet. The theme of Aero India 2023 is iCae The Runway to a Billion Opportunities*