JAVA SCRIPT ASSIGNMENT

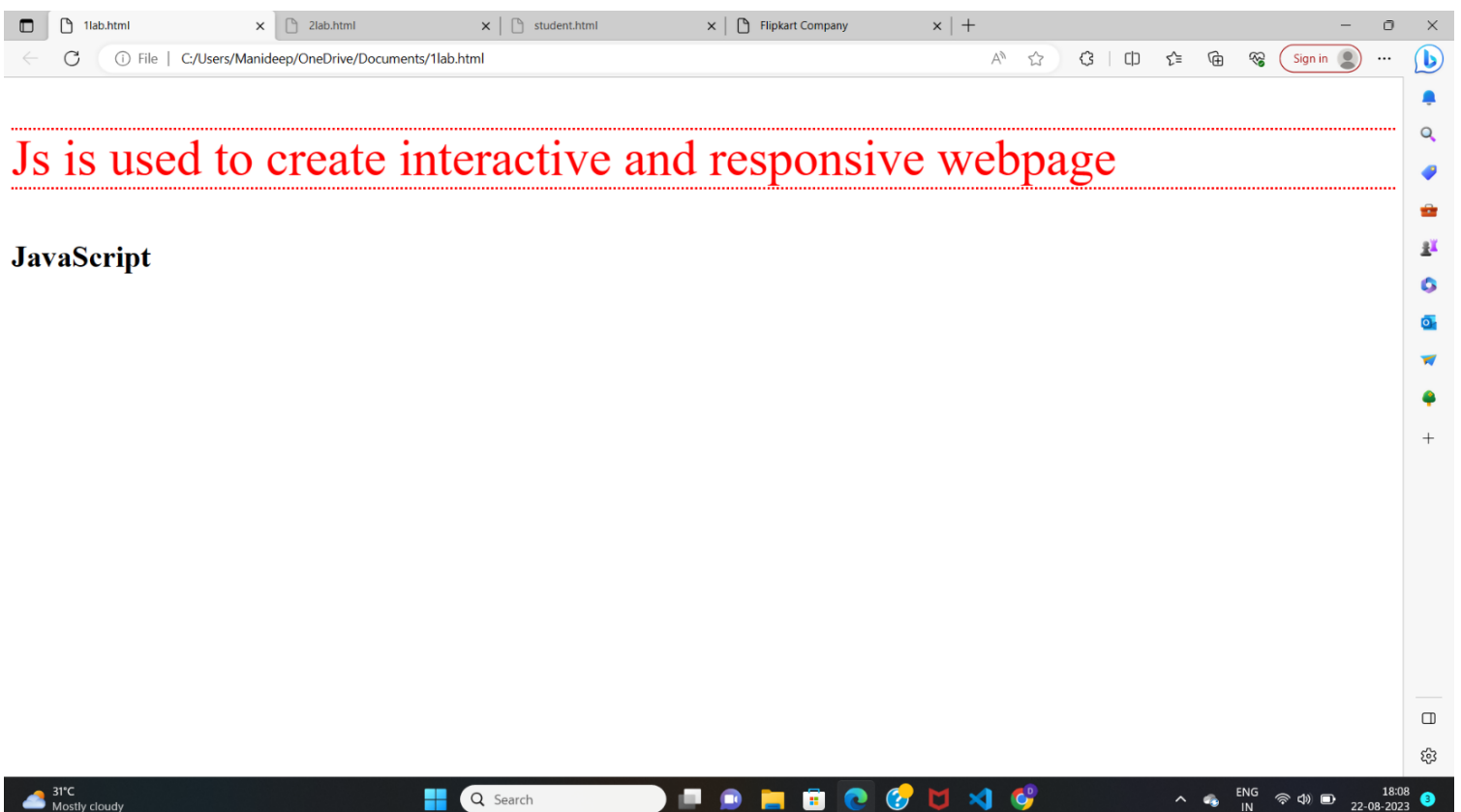1.Create a webpage to call external js file to make the changes with text elements of your webpage during page load event.

```
<!DOCTYPE html>

<html>
<head>
<script type="text/javascript" src="ex.js"></script>
<body onload="change_formats()">
<p id="para1">Js is used to create interactive and responsive
webpage</p>
<h1 id="title">JavaScript</h1>
</body>
</head>
</html>
```

EXTERNAL JSFILE:

```
function change_formats(){

        document.getElementById("para1").style.fontSize="30pt";
        document.getElementById("para1").style.fontFamily="Roboto";
        document.getElementById("para1").style.borderBlockStyle="dotted"
;       document.getElementById("para1").style.color='red';

        }
```
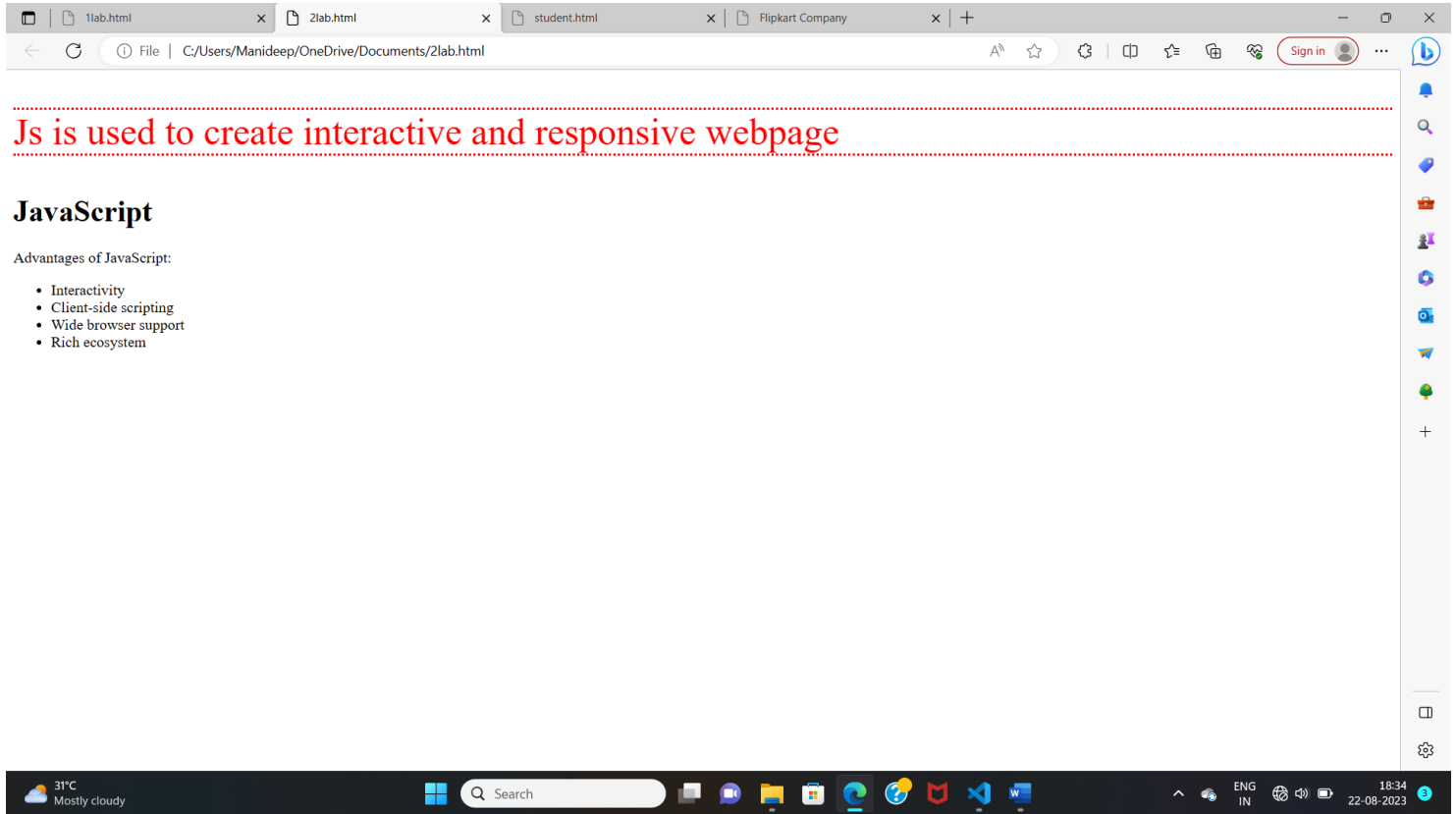
Output:

2.With the above example when you place cursor in the h1 elements, it has to show description about js advantages.

```html
<!DOCTYPE html>
<html>
<head>
<script type="text/javascript" src="ex.js"></script>
<body onload="change_formats()">
<p id="para1">Js is used to create interactive and responsive
webpage</p>
<h1 id="title">JavaScript</h1>
<p id="advantages">Advantages of JavaScript:</p>
<ul id="advantagesList">
<li>Interactivity</li>
<li>Client-side scripting</li>
<li>Wide browser support</li>
<li>Rich ecosystem</li>
</ul>
</body>
</head>
</html>
```

External js file:

```javascript
function change_formats(){

    document.getElementById("para1").style.fontSize="30pt";
    document.getElementById("para1").style.fontFamily="Roboto";
    document.getElementById("para1").style.borderBlockStyle="dotted";
    document.getElementById("para1").style.color='red';
    }
    document.addEventListener("DOMContentLoaded", function () {
    const titleElement = document.getElementById("title");
    const advantagesList = document.getElementById("advantagesList");
    function displayAdvantages() {
    advantages.style.display = "block";
    advantagesList.style.display = "block";
    }
    function hideAdvantages() {
    advantagesList.style.display = "none";
    advantages.style.display = "none";
    }
    titleElement.addEventListener("mouseenter", displayAdvantages);
    titleElement.addEventListener("mouseleave", hideAdvantages);
    })
```
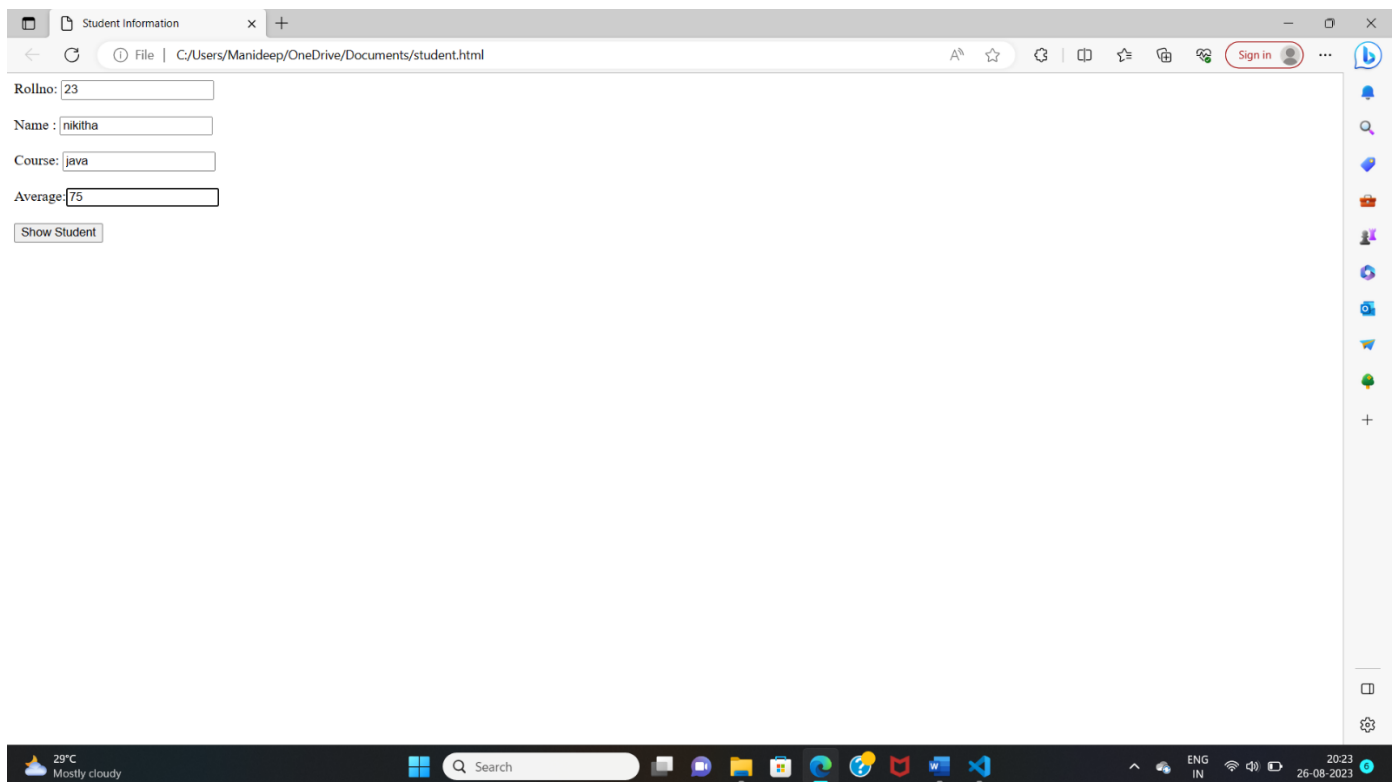
Output:

3.Create a employee class with idno, name, job, salary. create an object to initialize the data member values. and display the same using form controls.
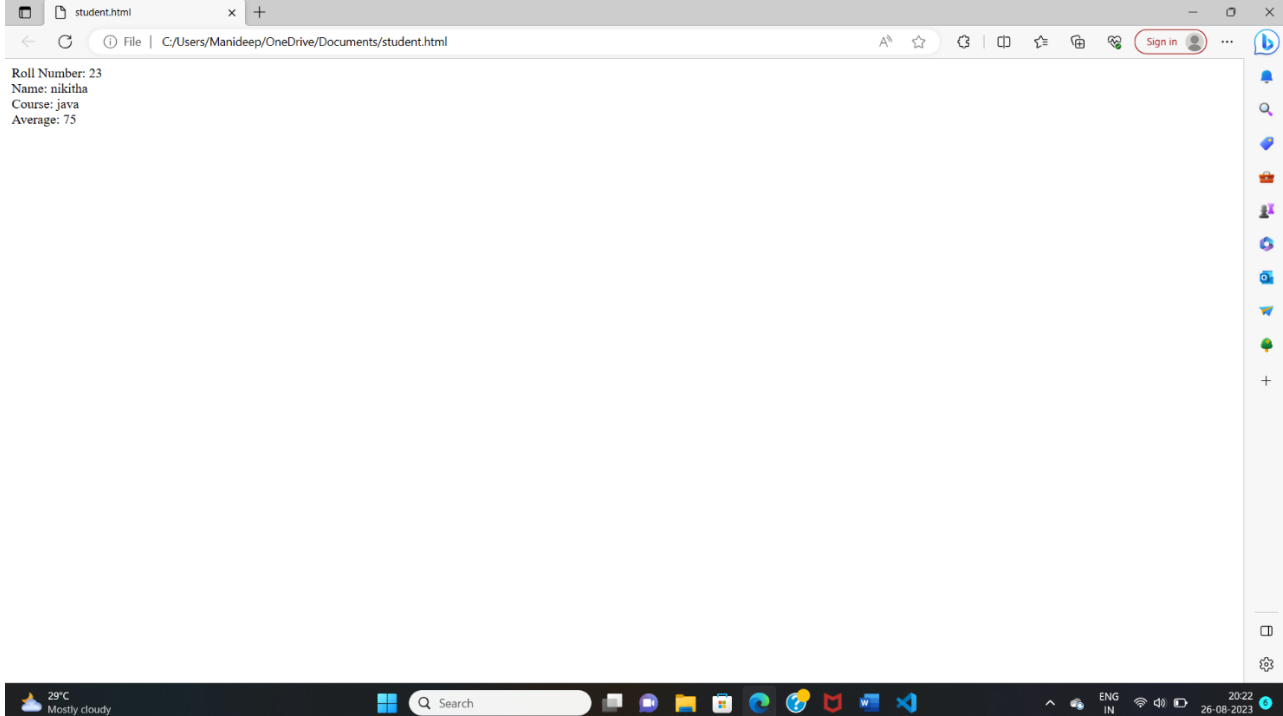
```html
<!DOCTYPE html>
<html>
<head>
<title>Student Information</title>
<script>
class Student {
constructor(id, name, course, average) {
this.idno = id;
this.stuname = name;
this.course = course;
this.avg = average;
}
showStudent() {
document.write(
"Roll Number: " + this.idno + "<br>" +
"Name: " + this.stuname + "<br>" +
"Course: " + this.course + "<br>" +
"Average: " + this.avg
);
}
}
function fun1() {
let id = document.getElementById("txt1").value;
let name = document.getElementById("txt2").value;
let course = document.getElementById("txt3").value;
```

```
let avg = document.getElementById("txt4").value;
let s = new Student(id, name, course, avg);
s.showStudent();
}
</script>
</head>
<body>
<form>
Rollno: <input type="text" id="txt1" width="20"/><br>
<br>
Name : <input type="text" id="txt2" width="25"/><br>
<br>
Course: <input type="text" id="txt3" width="20"/><br>
<br>
Average:<input type="text" id="txt4" width="20"/><br>
<br>
<input type="button" value="Show Student" onclick="fun1()">
</form>
</body>
</html>
```

Output

4.Create a webpage as homepage to display about your company name, logo and menu items as services provided by the company, login button to login to your website.

```html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Amazon Company</title>
<link rel="stylesheet" href="company1.css">
</head>
<body>
<header>
<div class="logo">
<img src="C:\Users\Manideep\OneDrive\Pictures\amazon.png" alt="Amazon Logo">
</div>
<nav>
<ul class="menu">
<li><a href="#home">Home</a></li>
<li><a href="#products">Products</a></li>
<li><a href="#services">Services</a></li>
<li><a href="#contact">Contact</a></li>
</ul>
</nav>
<div class="login-button">
<a href="#">Login</a>
</div>
</header>
<section class="main-content" id="home">
<h1>Welcome to Amazon</h1>
<p>Your online shopping destination</p>
<center>
<img src="C:\Users\Manideep\OneDrive\Pictures\amazon.png" alt="flipkart1">
</center>
</section>
```

```html
<section class="about" id="about">
<h2>About Us</h2>
<p>Learn more about our company's history and values.</p>
</section>
<section class="contact" id="contact">
<h2>Contact Us</h2>
<p>Get in touch with us for inquiries and information.</p>
</section>
<footer>
<p>&copy; 2023 Amazon. All rights reserved.</p>
</footer>
</body>
</html>
```

External css file:

```css
/* Reset some default styles */
body, h1, h2, h3, p, ul, li {
    margin: 0;
    padding: 0;
    }
    /* Style for header */
    header {
    background-color: #333;
    color: white;
    display: flex;
    justify-content: space-between;
    align-items: center;
    padding: 10px 20px;
    }
    .logo img {
    max-width: 100px;
    height: 40px;
    }
    .menu li {
    display: inline-block;
    margin-right: 20px;
    }
    .menu a {
    color: white;
    text-decoration: none;
    font-weight: bold;
    }
    .login-button a {
    padding: 8px 16px;
    background-color: #ff6600;
    color: white;
    border-radius: 4px;
    text-decoration: none;
    }
    /* Style for main content */
    .main-content {
    text-align: center;
    padding: 50px;
    }
    /* Style for services, about, and contact sections */
```

```css
.services, .about, .contact {
padding: 50px;
background-color: #f9f9f9;
text-align: center;
}
.services h2, .about h2, .contact h2 {
margin-bottom: 20px;
}
/* Style for footer */
footer {
background-color: #333;
color: white;
text-align: center;
padding: 10px 0;
}
```

Output: