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Q1. Create a webpage to call external js file to make the changes with textelements of your webpage during page load event.

Externaljs.html:

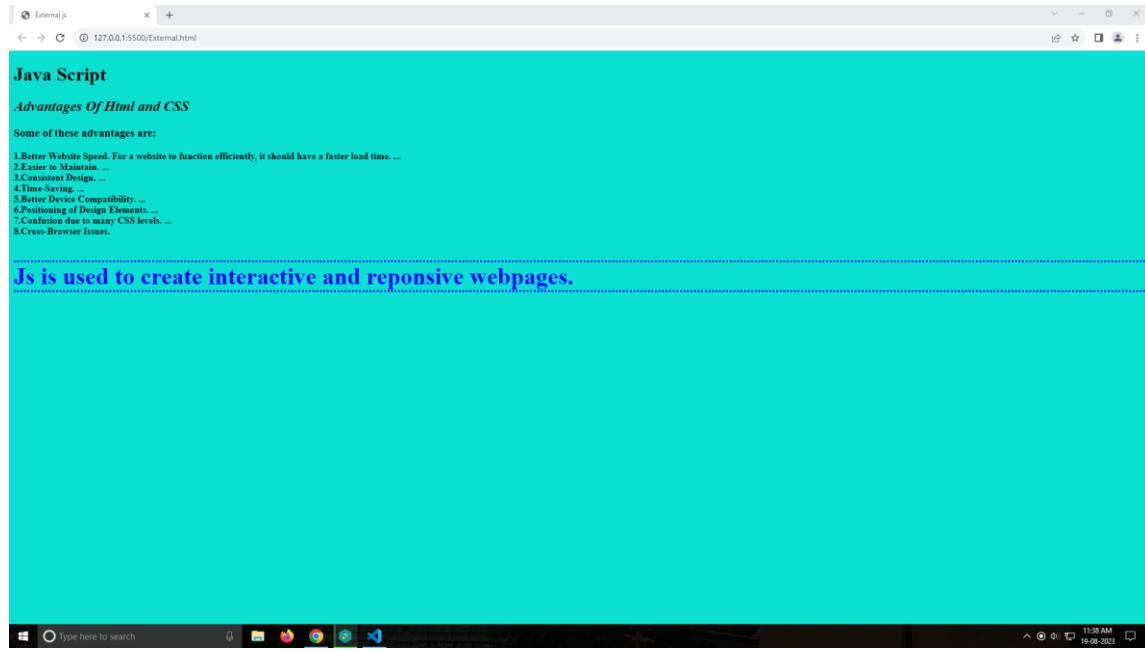
```
<!DOCTYPE html>
<html>
<head>
<title> External js </title>
<script src="myscript.js" type="text/javascript">

</script>
</head>
<body onload="change_formats()" bgcolor="palered">
<h1 id="head1"> Java Script </h1>
<h2><B> <i>Advantages Of Html and CSS<B></i></h2>
<h3>Some of these advantages are:<br></h3>
1. Better Website Speed. For a website to function efficiently, it should have a faster load time. ...<br>
2. Easier to Maintain. ...<br>
3. Consistent Design. ...<br>
4. Time-Saving. ...<br>
5. Better Device Compatibility. ...<br>
6. Positioning of Design Elements. ...<br>
7. Confusion due to many CSS levels. ...<br>
8. Cross-Browser Issues.<br>
<p id="para1">
Js is used to create interactive and responsive webpages.
</p>
</body>
</html>
```

Myscript.js:

```
function change_formats()
{
document.getElementById("para1").style.fontSize="30pt";
document.getElementById("para1").style.fontFamily="Times New Roman";
document.getElementById("para1").style.borderBlockStyle="dotted";
document.getElementById("para1").style.color='Blue';
}
```

OUTPUT:



Q2. With the above example when you place cursor in the h1 elements,it has to show description about js advantages.

External JS file:

```
<html>
<head>
<title> External js </title>
<script src="myscript1.js" type="text/javascript">

</script>
</head>
<body onload="change_formats()" bgcolor="violet">

<h1 id="head1" onmouseover="showuses()"
onmouseout="reset()"> Java Script </h1>
<br>

<p id="adv"> </p>
<br>
<br>
<p id="para1">
Js is used to create interactive and responsive webpages.
</p>

</body>
</html>
```

Myscript1.js:

```
function change_formats()
{
document.getElementById("para1").style.fontSize="30pt";
document.getElementById("para1").style.fontFamily="Times New
Roman";
document.getElementById("para1").style.borderBlockStyle="dotted";
document.getElementById("para1").style.color='yellow';
}

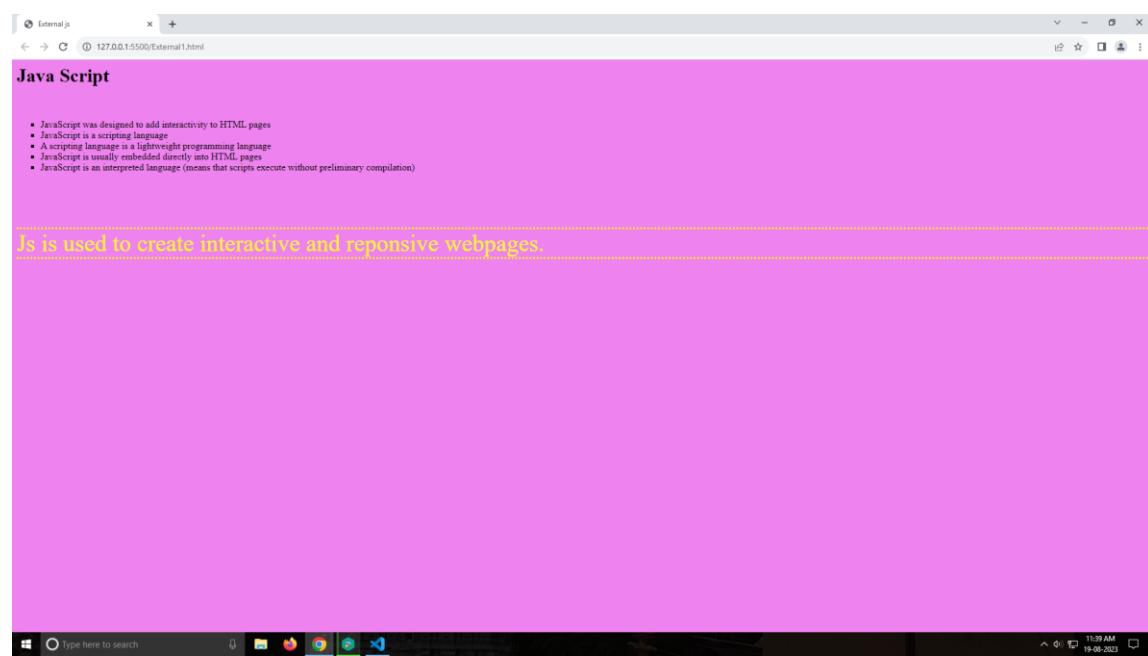
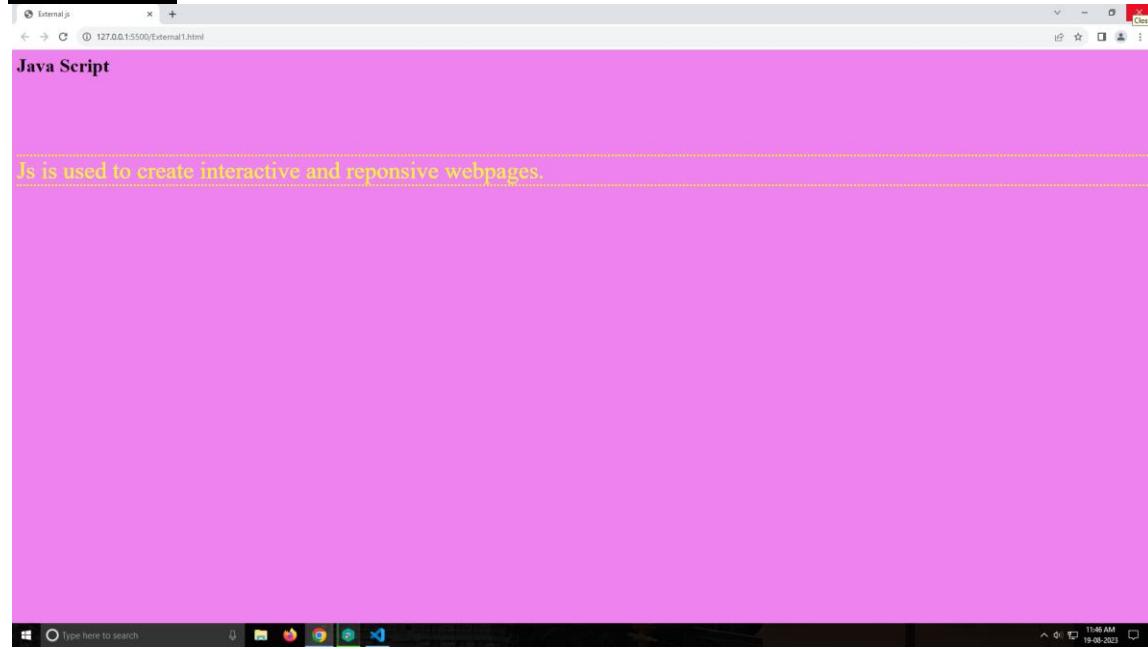
function showuses()
{
document.getElementById('adv').innerHTML=<ul type='square'>" +
```

```
"<li> JavaScript was designed to add interactivity to HTML pages</li>" +  
"<li>JavaScript is a scripting language</li> " +  
"<li>A scripting language is a lightweight programming language</li> " +  
"<li>JavaScript is usually embedded directly into HTML pages </li>" +  
"<li>JavaScript is an interpreted language (means that scripts execute  
without preliminary compilation)</li> "
```

```
}
```

```
function reset()  
{  
document.getElementById('adv').innerHTML="";  
}
```

OUTPUT:



Q3. Create a employee class with idno, job, salary. Create an object to initialize the data member values. and display the same using form controls.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Employee Details</title>
</head>
<body bgcolor="blueandpink">
<h2>Employee Details</h2>
<form id="employeeForm">
<label for="idno">ID Number:</label>
<input type="text" id="idno" name="idno"><br><br>
<label for="name">Name:</label>
<input type="text" id="name" name="name"><br><br>
<label for="job">Job:</label>
<input type="text" id="job" name="job"><br><br>
<label for="salary">Salary:</label>
<input type="text" id="salary" name="salary"><br><br>
<button type="button" onclick="displayEmployee()">Display
Employee</button>
</form>
<h2>Employee Data</h2>
<div id="employeeData"></div>
<script>
class Employee {
constructor(idno, name, job, salary) { this.idno = idno;
this.name = name; this.job = job; this.salary = salary;
}
}
function displayEmployee() {
const idno = document.getElementById("idno").value; const name =
document.getElementById("name").value; const job =
document.getElementById("job").value; const salary =
document.getElementById("salary").value;
const employee = new Employee(idno, name, job, salary);
const employeeDataDiv = document.getElementById("employeeData");
employeeDataDiv.innerHTML =
<p><strong>ID Number:</strong> ${employee.idno}</p>
<p><strong>Name:</strong> ${employee.name}</p>
<p><strong>Job:</strong> ${employee.job}</p>
<p><strong>Salary:</strong> ${employee.salary}</p>;
}
```

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

OUTPUT:

The image displays three identical screenshots of a web browser window titled "Employee Details". The browser's address bar shows the URL `127.0.0.1:5500/5_ClassesAndObjects.html`. The page content is as follows:

Employee Details

ID Number:	AF0311771
Name:	EVK.DEEPTHI
Job:	ANALYST
Salary:	500000

Display Employee

Employee Data

Below the "Employee Data" heading, the page lists the same employee information again:

ID Number: AF0311771
Name: EVK.DEEPTHI
Job: ANALYST
Salary: 500000

Q4. 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.

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Your Company Name</title>
<style> body
{
font-family: Arial, sans-serif; margin: 0;
padding: 0;
background-color: cornsilk;
}
header
{
background-color: yellowgreen; color: white;
text-align: center; padding: 1rem;
}
.container
{
max-width: 1200px; margin: 0 auto; padding: 2rem;
}
.logo
{
max-width: 300px; margin-bottom: 1rem; text-align: center
}
nav
{
text-align: center; margin-top: 1rem;
}
nav a
{
color: darkorange;
text-decoration: none; margin: 0 1rem;
}
.login-button {
display: inline-block; background-color: pink; color: red;
}
</style>
</head>
<body>
<header>
```

```
<h1 style="color: orchid;"> Furniture </h1>
</header>
<div class="container">
    
<nav>
    <a href="m.html">Home</a>
    <a href="m.html">Services</a>
    <a href="m.html">About Us</a>
    <a href="m.html">Contact</a>
</nav>
<div>
    <h2>Types classified by materials</h2>
    <ul>
        <li>Bamboo furniture.</li>
        <li>Wooden furniture.</li>
        <li>Wicker or rattan furniture.</li>
        <li>Metal furniture.</li>
        <li>Plastic furniture, also known as acrylic furniture.</li>
        <li>Glass furniture.</li>
        <li>Concrete furniture.</li>
        <li>Bombay furniture, also known as blackwood furniture.</li>
    </ul>
</div>
<button style="color:blue;" class="login-button"><a
        href="C:\Users\91903\Downloads\c.png">Login</a></button>
</div>
</body>
</html>
```

OUTPUT:

