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

Font js.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='red';
}

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

Font js.html:

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

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

<h1>Java Script </h1>
<br>
<h2>Advantages of Js</h2>


<p id="adv"> </p>
<br>
<br>
<p id="para1">
Js is used to create interactive and reponsive webpages.
</p>
```
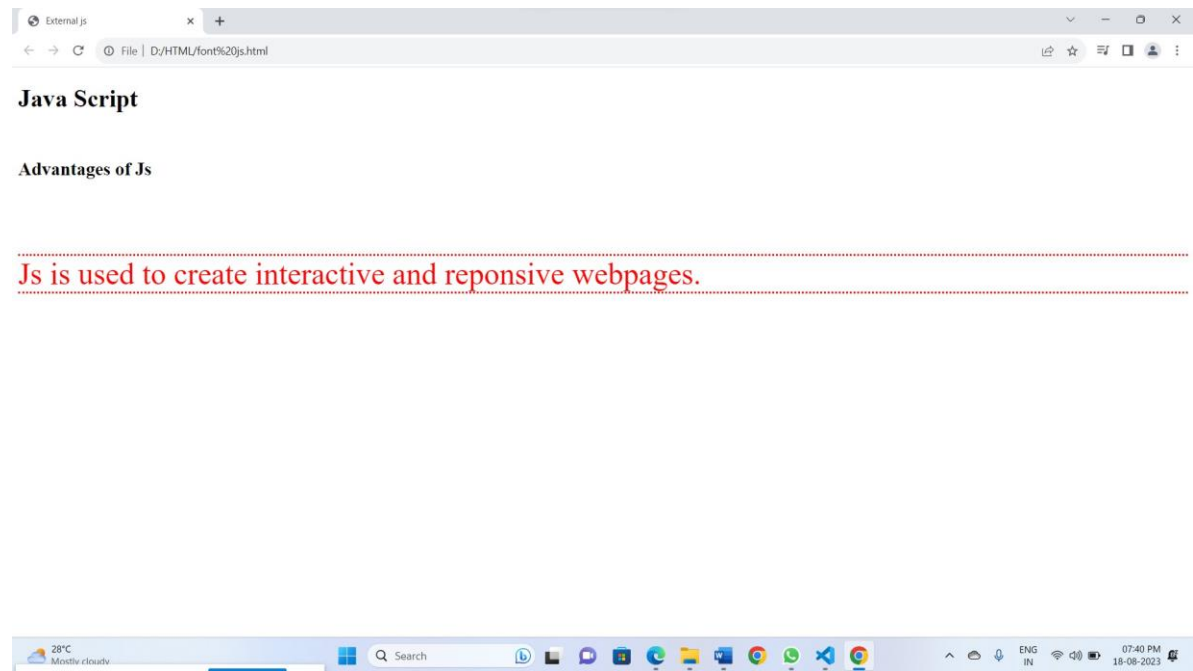
```
</body>
</html>
```

Output:

Java Script

Advantages of Js

Js is used to create interactive and reponsive webpages.

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

External js.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='red';
}

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="";
}
```

External js.html:

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

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

<h1 id="head1" onmouseover="showuses()"
onmouseout="reset()"> Java Script </h1>
<br>
```
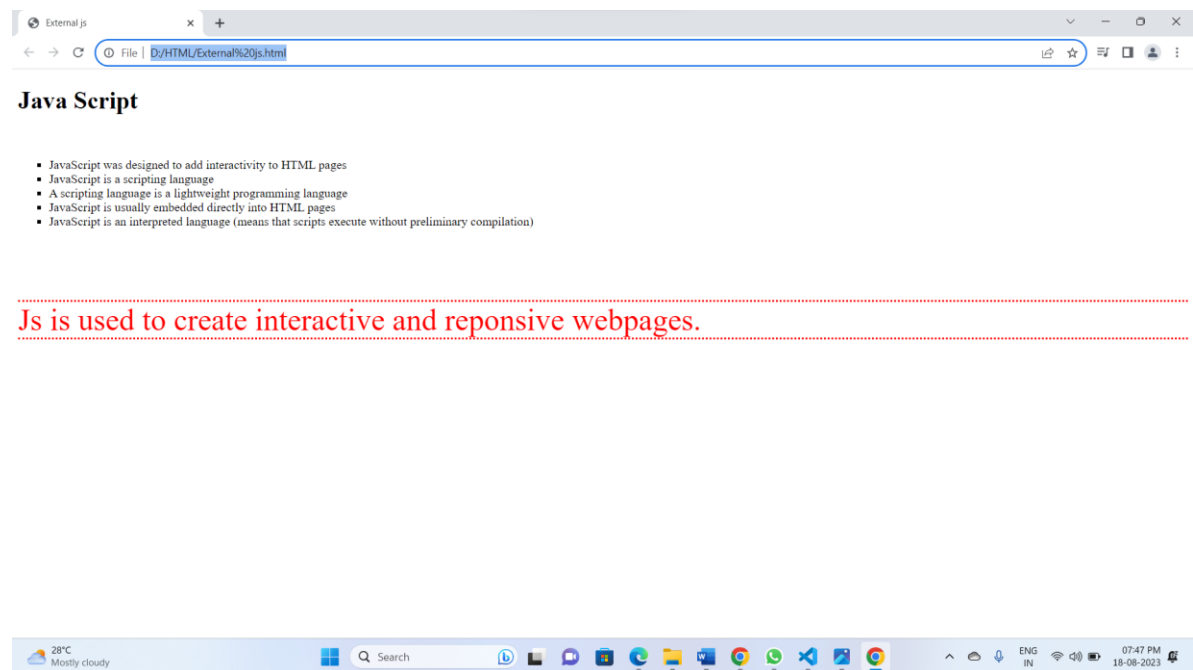
```
<p id="adv"> </p>
<br>
<br>
<p id="para1">
Js is used to create interactive and reponsive webpages.
</p>

</body>
</html>
```

Output:

Q3. 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 lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Employee Details</title>
<style>
.form-container {
width: 500px;
margin: 0 auto;
padding: 20px;
border: 1px solid pink;
border-radius: 10px;
box-shadow: 0 2px 4px rgba(210, 5, 5, 0.1);
}

</style>
</head>
<body>
<div class="form-container">

<h1>Employee Details</h1>
<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:

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.

```html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Anusha</title>
<style>
body, h1, h2, p, ul, li, form {
margin: 0;
padding: 0;
}

/* Basic styling */
body {
font-family: Arial, sans-serif;
}
header {
background-color: #0b3ab1;
color: #110d0d;
padding: 10px;
display: flex;
justify-content: space-between;
align-items: center;
}
nav ul {
list-style-type: none;
}
nav ul li {
display: inline;
margin-right: 20px;
}

nav a {
text-decoration: none;
color: #fff;
}

section {
padding: 20px;
}

form label {
```

```css
    display: block;
    margin-bottom: 5px;
}

form input {
    width: 100%;
    padding: 8px;
    margin-bottom: 15px;
    border: 1px solid #ccc;
    border-radius: 3px;
}

form button {
    padding: 10px 15px;
    background-color: #333;
    color: #fff;
    border: none;
    border-radius: 3px;
    cursor: pointer;
}

footer {
    text-align: center;
    padding: 10px;
    background-color: #f4f4f4;
}
</style>
</head>
<body>
<header>
<img src="Anudip.jpg" alt="Anudip">
<nav>
<ul>
<li><a href="https://www.w3schools.com/java/">Home</a></li>
<li><a href="https://www.w3schools.com/java/">Services</a></li>
<li><a href="https://www.w3schools.com/java/">About Us</a></li>
<li><a href="https://www.w3schools.com/java/">Contact</a></li>
</ul>
</nav>
<script>

function fun1()
{
var name=prompt("Enter your name");
var name=prompt("Enter your password");

alert("Login Success");
```

```
document.getElementBy("header").innerHTML="welcome to "+name;
document.getElementBy("header").innerHTML="Login Success";

}
</script>
<h1 id="header">
<input type="button" value="Login" id="btn1" onclick="fun1()"/>
</h1>  </header>

<section id="services">
<h2>Our Courses</h2><br>
<ul>
<li>Core java</li><br>
<li>Python</li><br>
<li>HTML</li><br>
<!-- Add more service items as needed -->
</ul>
</section>
<footer>
<p>&copy; 2023 Your Company Name. All rights reserved.</p>
</footer>

</body>
</html>
```

Output: