

Internet and Web Programming

CSE3002 LAB-11

AJAX

AJAX

Create a program to change the content of the E-commerce web page using AJAX. Eg. Changing the prize of the product or stock availability values. Use the stylesheet in the page with some rules for classes

- Change the background color of the first ordered list
- Give all the items in that list blue font
- Append the text — in the list to each element in the first ordered list
- Select every link that has a —name attribute, and change its background color to #eee

ScreenShots:

1. Cheese
2. Bread
3. Butter

[One](#) [Two](#) [Three](#)

On click:

1. Cheese in the list to each element in the first ordered list
2. Bread in the list to each element in the first ordered list
3. Butter in the list to each element in the first ordered list

[One](#) [Two](#) [Three](#)

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
</head>
<body>
<div id="first">
<ol id="list">
<li>Cheese</li>
<li>Bread</li>
<li>Butter</li>
</ol> </div>
<a name="abc" href="">One</a>
<a name="xyz" href="">Two</a>
<a href="">Three</a>
<input type="submit" name="" id="" onclick="loadDoc()">
<script>
function loadDoc(){
var xhttp = new XMLHttpRequest();
console.log(xhttp);
xhttp.onreadystatechange = function()
{
if(this.readyState==4 && this.status==200){
const ele = document.querySelector('#first :nth-child(1)');
ele.style.backgroundColor="green";
ele.style.color="blue";
for(let i=1;i<=3;i++){child('+i+')');
const item = document.querySelector('#list :nth- item.innerHTML+=" in the
list to each element in the first ordered list";
}
const link = document.querySelectorAll('a[name]');
console.log(link);
for(let i=0;i<link.length;i++){
link[i].style.backgroundColor='#eee'; }
}
};
xhttp.open("GET","",true);
xhttp.send();
```

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

JQuery

Write a JQuery program to do the following in a web page

- Create three buttons with labels red, green, blue, when the mouse is moved over it the background color has to be changed respectively
- Create a HTML page holding a list of items and an [Extract Text] button is given. Implement the extractText function which will be called when the button's onClick event is fired
- Create a HTML page holds a list of towns, a search box and a [Search] button. Implement the search function to bold the items from the list which include the text from the search box

ScreenShots:

RED YELLOW GREEN

- ABC
Extract
- PQR
Extract
- XYZ
Extract

•
Search for names..

- Chennai
- Delhi
- Mumbai
- Kolkatta
- Bangalore
- Kochi

Search

RED YELLOW GREEN

- ABC
Extract
- PQR
Extract
- XYZ
Extract

•
Search for names..

- Chennai
- Delhi
- Mumbai
- Kolkatta
- Bangalore
- Kochi

Search

On clicking extract

RED YELLOW GREEN

- ABC
Extract
- PQR
Extract
- XYZ
Extract

• ABC
Search for names..

- Chennai
- Delhi
- Mumbai
- Kolkatta
- Bangalore
- Kochi

Search

RED YELLOW GREEN

- ABC
Extract
- PQR
Extract
- XYZ
Extract

• ABC
Kochi

- Chennai
- Delhi
- Mumbai
- Kolkatta
- Bangalore
- **Kochi**

Search

RED YELLOW GREEN

- ABC
Extract
- PQR
Extract
- XYZ
Extract

• ABC
Chennai

- **Chennai**
- Delhi
- Mumbai
- Kolkatta
- Bangalore
- **Kochi**

Search

Code

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js"><
/script>
<title>Document</title> </head>
<body> <div>
<button id="red" value="red">RED</button>
<button id="yellow">YELLOW</button>
<button id="green">GREEN</button>
</div>
<div>
<ul>
<li name="ABC">ABC</li>
<button name="ABC" class="ext">Extract</button>
<li name="PQR">PQR</li><button name="PQR" class="ext">Extract</button>
<li name="XYZ">XYZ</li><button name="XYZ" class="ext">Extract</button>
</ul>
<li id="extracted"></li>
</div>
<div>
<input type="text" id="myInput" placeholder="Search for names.."
title="Type in a name" value=""> <ul id="myUL">
<li><p name="Chennai">Chennai</p></li> <li><p name="Delhi">Delhi</p></li>
<li><p name="Mumbai">Mumbai</p></li> <li><p
name="Kolkatta">Kolkatta</p></li>
<li><p name="Bangalore">Bangalore</p></li> <li><p
name="Kochi">Kochi</p></li>
</ul>
<button id="btn" onclick="myFunction()">Search</button> </div>
<script> $(document).ready(function(){
console.log(document); $("button").hover(function(){
$(this).css("background-color",$(this).attr('id')); });
$("#press").click(function(){ console.log($("#val"));
});
$("#btn").click(function(){ var val = $("#myInput").val() const list =
$('p[name]'); console.log(list);
```

```
for(let i=0;i<list.length;i++){ //console.log(list[i].innerHTML);
if(list[i].innerHTML===val)
list[i].style.fontWeight="bold " }
});
$('.ext').click(function(){
var value= $(this).attr('name'); const list = $('li[name]')
console.log(list);
for(let i = 0;i<list.length;i++){ if(list[i].innerHTML===value)
$("#extracted").html(list[i].innerHTML) }
}); });
</script>
</body>
</html>
```