Name: Rohit Krishnan Reg no: 20BPS1045

Internet and Web Programming <u>CSE3002 LAB-11</u>

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 Submit

On click:

- 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 Submit

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">
Cheese
Bread
Butter
 </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++){</pre>
link[i].style.backgroundColor='#eee'; }
xhttp.open("GET","",true);
xhttp.send();
```

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

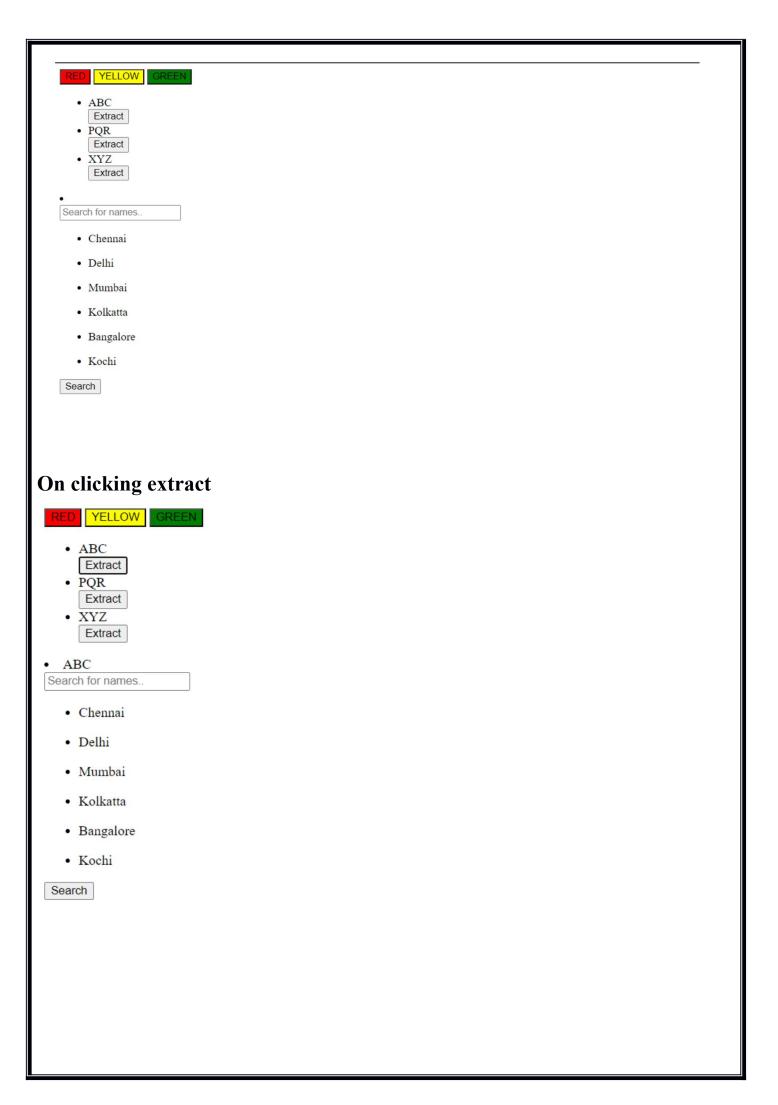
JQuery

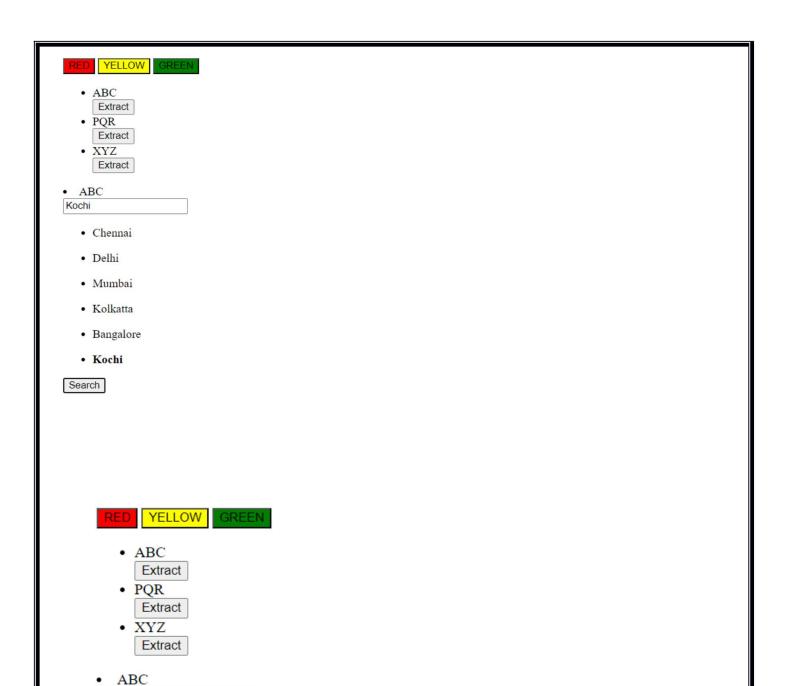
Write a JQuery program to do the following in a web page

- 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:







Chennai

Chennai

Mumbai

Kolkatta

Bangalore

Kochi

Search

Delhi

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"><</pre>
/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>
<l
name="ABC">ABC
<button name="ABC" class="ext">Extract</button>
name="PQR">PQR<button name="PQR" class="ext">Extract</button>
XYZ<button name="XYZ" class="ext">Extract</button>
id="extracted">
</div>
<div>
<input type="text" id="myInput" placeholder="Search for names.."</pre>
title="Type in a name" value=""> 
Chennai Delhi
p
name="Kolkatta">Kolkatta
name="Bangalore">Bangalore</rr>
name="Kochi">Kochi
<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>
```