

I.T-LAB LAB1 Submission

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Class : 6TH SEM –B

Roll No: 61

Q1.

HTML :

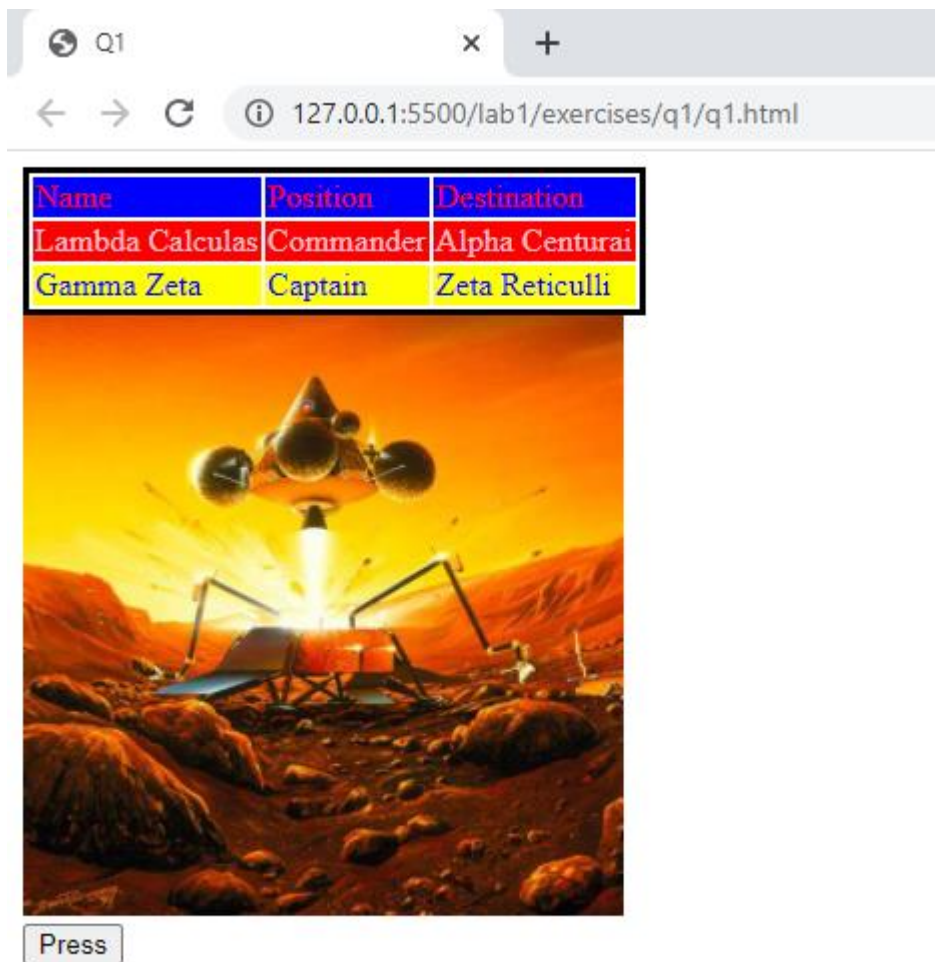
```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Q1</title>
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
  <script src="q1.js"></script>
</head>
<body>
  <div id="div1">
    <table style="border: 3px solid black">
      <tr id="one">
        <td>Name</td>
        <td>Position</td>
        <td>Destination</td>
      </tr>
      <tr id="two">
        <td>Lambda Calculas</td>
        <td>Commander</td>
        <td>Alpha Centurai</td>
      </tr>
      <tr id="three">
        <td>Gamma Zeta</td>
        <td>Captain</td>
        <td>Zeta Reticulli</td>
      </tr>
    </table>
    
  </div>
  <button id="button">Press</button>
</body>
</html>
```

JS file: q1.js

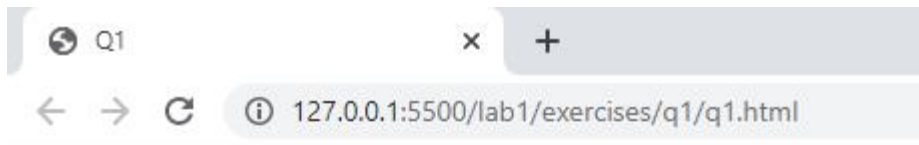
```
$(document).ready(function(){
    $('#one').css("background-color","blue").css("color","red");
    $('#two').css("background-color","red").css("color","pink");
    $('#three').css("background-color","yellow").css("color","blue");
    $('#div').css("left","100px");
    $('#button').click(function(){
        $('#div').animate({'margin-left':'10px'});
    });
});
```

Output:

1. Before Press button was selected :



2. After press button was selected:



Name	Position	Destination
Lambda Calculas	Commander	Alpha Centurai
Gamma Zeta	Captain	Zeta Reticulli



Press

Q2.

HTML :

```
<!DOCTYPE html>
<html>
<head>
  <title>Calculator using jQuery</title>
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
  <script src="q2.js"></script>
  <link rel="stylesheet" href="main.css">
</head>
<body>
  <div class="container">
    <h1 align="center">Calculator</h1>
    <div class="calc" align="center">
      <div class="inputVal">
```

```

        <textarea class="#input" value="" rows="10" cols="70" placeholder="Enter Values..."></textarea>
    </div>
    <div>
        <button value="7" id="7" >7</button>
        <button value="8" id="8" >8</button>
        <button value="9" id="9" >9</button>
        <button value="+" id="add">+</button>
        <button value="" id="clear">Clear</button>
    </div>
    <div>
        <button value="4" id="4" >4</button>
        <button value="5" id="5" >5</button>
        <button value="6" id="6" >6</button>
        <button value="-" id="subtract">-</button>
        <button value="" id="backspace">&#x2190</button>
    </div>
    <div>
        <button value="1" id="1" >1</button>
        <button value="2" id="2" >2</button>
        <button value="3" id="3" >3</button>
        <button value="*" id="multiply" >x</button>
        <button value="(" id="para1" >(</button>
    </div>
    <div>
        <button value="0" id="0" >0</button>
        <button value="=" id="equal" >=</button>
        <button value="/" id="divide">/</button>
        <button value=")" id="para1" >)</button>
        <button value="." id="decimal">.</button>
    </div>
</div>
</div>
</div>
</body>
</html>

```

JS : q2.js

```

$(document).ready(function () {
    $(
        "#1,#2,#3,#4,#5,#6,#7,#8,#9,#0,#add,#subtract,#multiply,#divide,#power,#decimal,#para1,#para2"
    ).click(function () {
        var v = $(this).val();
        var total = $("#textarea").val($("#textarea").val() + v);
    });

    $("#equal").click(function () {

```

```
    $("textarea").val(eval($("#textarea").val()));
});

$("#clear").click(function () {
    $("textarea").val("");
});

$("#backspace").click(function () {
    $("textarea").val(
        $("textarea")
        .val()
        .substring(0, $("#textarea").val().length - 1)
    );
});
});
```

Screenshot:

ml

Calculator

Enter Values...

7	8	9	+	Clear
4	5	6	-	←
1	2	3	x	(
0	=	/)	.

ml

Calculator

12*56-9

7

8

9

+

Clear

4

5

6

-

←

1

2

3

x

(

0

=

/

)

.

Calculator

663

7

8

9

+

Clear

4

5

6

-

←

1

2

3

x

(

0

=

/

)

.

Q3

HTML

```
<!DOCTYPE html>
<html>
  <head>
    <title>Birthday Card using jQuery</title>
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
    <script src="q3.js"></script>
```



```

        <p id="p2"></p>
        <br /><br />
        <p id="p3"></p>
    </div>
</div>
</body>
</html>

```

JS : q3.js

```

$(document).ready(function () {
    $("#btn").click(function () {
        var bg = $("#colors option:selected").text();
        $("#div2").css("background-color", bg);

        var ft = $("#fonts option:selected").text();
        $("#div2").css("font-family", ft);

        var fs = parseFloat($("#fsize").val());
        $("#p2").css("font-size", fs);

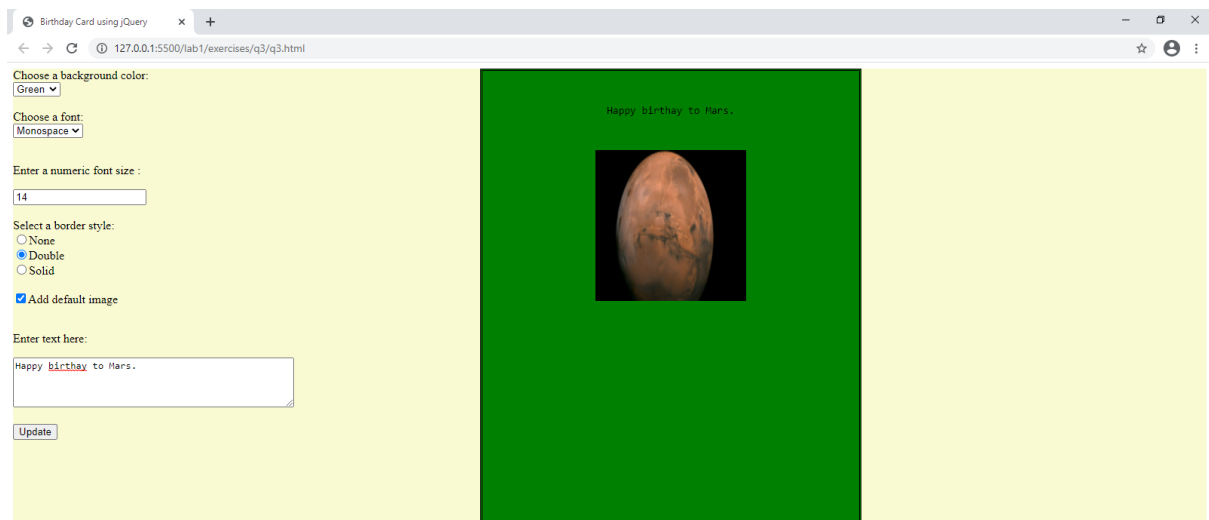
        var bd = $('input[type="radio"]:checked').val();
        $("#div2").css("border", bd);

        var txt = $("#txtarea").val();
        $("#p2").html(txt);

        var x = $('input[type="checkbox"]:checked').length > 0;
        if (x) {
            $("#p3").replaceWith(
                "<img id=\"myimg\" src='mars.jpg' style='justify-content: center;' height='200px' width='200px'>"
            );
        } else {
            $("#p3").replaceWith('<p id="p3"></p>');
            $("#myimg").replaceWith('<p id="p3"></p>');
        }
    });
});

```

Screenshot:



Q4

HTML

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Price List</title>
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
  <script src="q4.js"></script>
  <link rel="stylesheet" href="main.css">
</head>
<body>
  <p>
    <table style='width:100%'>
      <caption><h2>Price List of Mobiles and Phones</h2></caption>
      <tr>
        <td>Brand</td>
        <td>Laptop</td>
        <td>Mobile</td>
      </tr>
      <tr>
        <td>HP</td>
        <td>7500</td>
        <td>500</td>
      </tr>
      <tr>
        <td>Nokia</td>
        <td>5550</td>
        <td>450</td>
      </tr>
    </table>
  </p>
</body>
</html>
```

```
</tr>
<tr>
  <td>Samsung</td>
  <td>6000</td>
  <td>800</td>
</tr>
<tr>
  <td>Motorola</td>
  <td>2500</td>
  <td>700</td>
</tr>
<tr>
  <td>Apple</td>
  <td>3000</td>
  <td>560</td>
</tr>
</table>
</p>
<label for="brand-choice">Choose a Brand:</label>
<input list="brands" id="brand-choice" name="brand-choice" />
<datalist id="brands">
  <option value="HP"></option>
  <option value="Nokia"></option>
  <option value="Samsung"></option>
  <option value="Motorola"></option>
  <option value="Apple"></option>
</datalist>
<p>Choose:</p>
<div>
  <input type="checkbox" id="laptop" name="laptop" checked>
  <label for="laptop">Laptop</label>
</div>
<div>
  <input type="checkbox" id="mobile" name="mobile">
  <label for="mobile">Mobile</label>
</div>
<div>
  <label for="quantity">Quantity</label>
  <input type="text" id="quantity" name="quantity" required>
</div>
<button id="bill">Bill Amount</button>
<p id="write-bill"></p>
</body>
</html>
```

CSS: main.css

```
table,  
th,  
td {  
    border: 1px solid black;  
    text-align:center;  
}
```

JS: q4.js

```
$(document).ready(function () {  
    $("#bill").click(function () {  
        let brand_name = $("#brand-choice").val();  
        let quan = $("#quantity").val();  
        console.log({ quan });  
        let amt = 0;  
        let price = 0;  
        if (brand_name == "HP") {  
            if (  
                $("#laptop").prop("checked") == true &&  
                $("#mobile").prop("checked") == true  
            ) {  
                price = 800;  
            } else if ($("#laptop").prop("checked") == true) {  
                price = 750;  
            } else {  
                price = 50;  
            }  
        } else if (brand_name == "Nokia") {  
            if (  
                $("#laptop").prop("checked") == true &&  
                $("#mobile").prop("checked") == true  
            ) {  
                price = 6000;  
            } else if ($("#laptop").prop("checked") == true) {  
                price = 5550;  
            } else {  
                price = 450;  
            }  
        } else if (brand_name == "Samsung") {  
            if (  
                $("#laptop").prop("checked") == true &&  
                $("#mobile").prop("checked") == true  
            ) {  
                price = 700;  
            } else if ($("#laptop").prop("checked") == true) {  
                price = 600;  
            }  
        }  
    });  
});
```

```

    } else {
        price = 100;
    }
} else if (brand_name == "Motorola") {
    if (
        $("#laptop").prop("checked") == true &&
        $("#mobile").prop("checked") == true
    ) {
        price = 150;
    } else if ($("#laptop").prop("checked") == true) {
        price = 25;
    } else {
        price = 125;
    }
} else {
    if (
        $("#laptop").prop("checked") == true &&
        $("#mobile").prop("checked") == true
    ) {
        price = 700;
    } else if ($("#laptop").prop("checked") == true) {
        price = 200;
    } else {
        price = 500;
    }
}
let n = parseInt(quan);
amt = n * price;
if (isNaN(amt)) {
    alert("Please select something to buy!!!");
} else {
    alert("Price = " + amt);
}
});
});

```

Screenshot:

Input page selecting some values :

Price List

127.0.0.1:5500/lab1/exercises/q4/q4.html

Price List of Mobiles and Phones

Brand	Laptop	Mobile
HP	7500	500
Nokia	5550	450
Samsung	6000	800
Motorola	2500	700
Apple	3000	560

Choose a Brand:

Choose:

☒ Laptop

☒ Mobile

Quantity

Bill Amount

Output alert value:

Price List

127.0.0.1:5500/lab1/exercises/q4/q4.html

127.0.0.1:5500 says
Price = 2100
OK

Brand	Laptop	Mobile
HP	7500	500
Nokia	5550	450
Samsung	6000	800
Motorola	2500	700
Apple	3000	560

Choose a Brand:

Choose:

☒ Laptop

☒ Mobile

Quantity

Bill Amount

Now in the case when nothing is selected following alert is issued:

Price List

127.0.0.1:5500/lab1/exercises/q4/q4.html

127.0.0.1:5500 says
Please select something to buy!!!
OK

Brand	Laptop	Mobile
HP	7500	500
Nokia	5550	450
Samsung	6000	800
Motorola	2500	700
Apple	3000	560

Choose a Brand:

Choose:

☒ Laptop

☒ Mobile

Quantity

Bill Amount