

Web Technologies

ITE1002 - ELA

Cycle Sheet - 1

Name: Mathew Jerry Meleth

Reg No: 17BIT0050

Slot: L11+L12

Question 1)

CODE-

```
<!doctype html>
<html>
    <head>
        <meta charset="utf-8">
        <title><h1><b>Mathew Jerry Meleth</b></h1>
            <h3>K-103, Men's Hostel</h3>
        </title>
    </head>
    <body bgcolor="yellow">
        <h1><b>Mathew Jerry Meleth</b></h1>
```

<h3>K-103, Men's Hostel</h3>
<p>
From the B.Tech Information Technology
Branch
</p>
<p>
I have 24 credits currently.
</p>
<p>
I am from <i>Delhi</i> and currently studying in
<i>VIT, Vellore</i>
</p>
<p> The subjects that
I have right now are
<pre>

 CAO
 WebTech
 Stats
 BigData
 MGT1023
 MGT1042

</pre>
</p>

<p><u>My three favourite movies are</u>-
<pre>
 Entourage
 Inception
 Interstellar

The link to watch any of these movies can be
found here - click
here
</p>
<p>
<i>The face that I make when I am happy
is</i></i>

<i>The face that I make when I am sad
is</i>

</p>

<p>My neighbour is
a really talented person.

He is a developer of mobile applications and also does
machine learning.

He has been for various national level competitions and
has won dozens of awards for his development.

He expertises in the following languages-

C++

Java

Python

</p>

<p>My programming skills include-

<table border="1" height="50%" width="50%"

cellpadding="10px">

<tr>

<th>S.No</th>

<th>Language Name</th>

<th>Level</th>

<tr>

<td>1</td>

<td>C++</td>

<td>9</td>

</tr>

<tr>

<td>2</td>

<td>Python</td>

<td>7</td>

</tr>

<tr>

<td>3</td>

<td>Java</td>

<td>8</td>

</tr>

```
</body>
</html>
OUTPUT-
```

The screenshot shows a web browser window with multiple tabs open. The active tab displays an HTML document with the following content:

Mathew Jerry Meleth

K-103,Men's Hostel

From the **B.Tech** Information Technology Branch

I have 24 credits currently.

I am from *Delhi* and currently studying in *VIT,Vellore*

The subjects that I have right now are

**CAO
WebTech
Stats
BigData
MGT1023
MGT1042**

My three favourite movies are

**Entourage
Inception
Interstellar**

The link to watch any of these movies can be found here - [click here](#)

The face that I make when I am happy is

The face that I make when I am happy is


The face that I make when I am sad is


My neighbour is a really talented person.
He is a developer of mobile applications and also does machine learning.
He has been for various national level competitions and has won dozens of awards for his development.
He expertises in the following languages-

C++
Java
Python

Question 2)

CODE-

```
<!doctype html>
<html>
<head>
<metacharset="utf-8">
<title>My Page</title>
<style>

body{
background-color:black;
background-size:500px;
background-position:center;
background-attachment:fixed;

}
```

```
h1 {  
background-color:red;  
text-align:center;  
font-size:50px;  
}  
  
h2 {  
color:white;  
text-decoration:underline;  
text-align:center;  
margin-top:50px;  
font-size:40px;  
}  
  
img.image {  
display: block;  
border-width:50px;  
border-color:black;  
margin:20px;  
margin-left:auto;  
margin-right:auto;  
margin-top:50px;  
padding:10px;  
}  
  
p.b {  
background-color:white;  
border:10px;  
padding: 20px;  
font-size:30px;  
color:red;  
margin-top:50px;  
margin-left:400px;  
text-align:center;  
}  
  
p.c {  
background-color:white;  
padding:40px;  
border:10px;  
border-width:10px;  
border-color:red;  
margin-right:400px;  
font-size:30px;
```

```
color:red;
text-align:center;
}

p.d {
background-image:url ("White-and-Red-Stripes.jpg");
background-position:center;
background-attachmnent:fixed;
color:black;
padding=30px;
margin-left:auto;
margin-right:auto;
margin-top:50px;
border-width:2px;
border-color:white;
border-style:solid;
text-align:center;
font-size:40px;
}

p.e {
border:10px;
border-width:10px;
border-color:white;
border-style:solid;
color: white;
padding:20px;
text-align:center;
font-size:40px;
margin-left:auto;
margin-right:auto;
margin-top:50px;
}

p.f {
border:10px;
border-width:10px;
border-color:white;
border-style:solid;
color: white;
padding:20px;
margin-left:auto;
margin-right:auto;
margin-top:50px;
}
```

```

</style>
</head>

<body>
<h1 class="a">Mathew Jerry Meleth</h1>

<h2> B.Tech ( Information Technology ) - VIT University
</h2>
<p class="b"> <b> Second Year </b> <br/> (Fourth
Semester) </p>
<p class="c"> <b> CGPA = 8.48 </b> </p>
<p class="d"><b> Welcome to my page! <br/><br/> I have
created this page in order to give a brief description
about my academics) </p>

```

My neighbour is a really talented person.
 He is a developer of mobile applications and also does machine learning.
 He has been for various national level competitions and has won dozens of awards for his development.
 He expertises in the following languages-

 C++

 Java

 Python

```

</b><p>
<p class="e">
<b> These are the following subjects that I have with me
right now - <br/><br/>->Web Tech <br/>->CAO<br/>-
>Statistics<br/>->Big Data<br/>->French<br/>

<p class="f"><font size=5>My programming skills include-
</font>
<table border="1" height="50%" width="50%"
cellpadding="10px">
<tr>
<th>S.No</th>
<th>Language Name</th>

```

```
        <th>Level</th>
    </tr>
    <tr>
        <td>1</td>
        <td>C++</td>
        <td>9</td>
    </tr>
    <tr>
        <td>2</td>
        <td>Python</td>
        <td>7</td>
    </tr>
    <tr>
        <td>3</td>
        <td>Java</td>
        <td>8</td>
    </tr>
</table>

</p>
</body>
</html>
```

OUTPUT-

The screenshot shows a web browser window with a dark theme. The address bar indicates the file is located at /Users/Mathew/Desktop/Myfile.html. The page content is a resume template:

- Name:** Mathew Jerry Meleth (displayed in a large orange header)
- Image:** A portrait photo of a smiling man wearing glasses and a dark vest over a white shirt.
- Education:** B.Tech (Information Technology) - VIT University (displayed in a large black section)
- Academic Year:** Second Year (Fourth Semester) (displayed in a white box)
- CGPA:** CGPA = 8.48 (displayed in a white box at the bottom)

Vellore Institute of Technology x | 1-Reference Material II_Cycles! x | My Page x +

← → C File | /Users/Mathew/Desktop/Myfile.html

Apps Downloads Wallpapers MKBHD

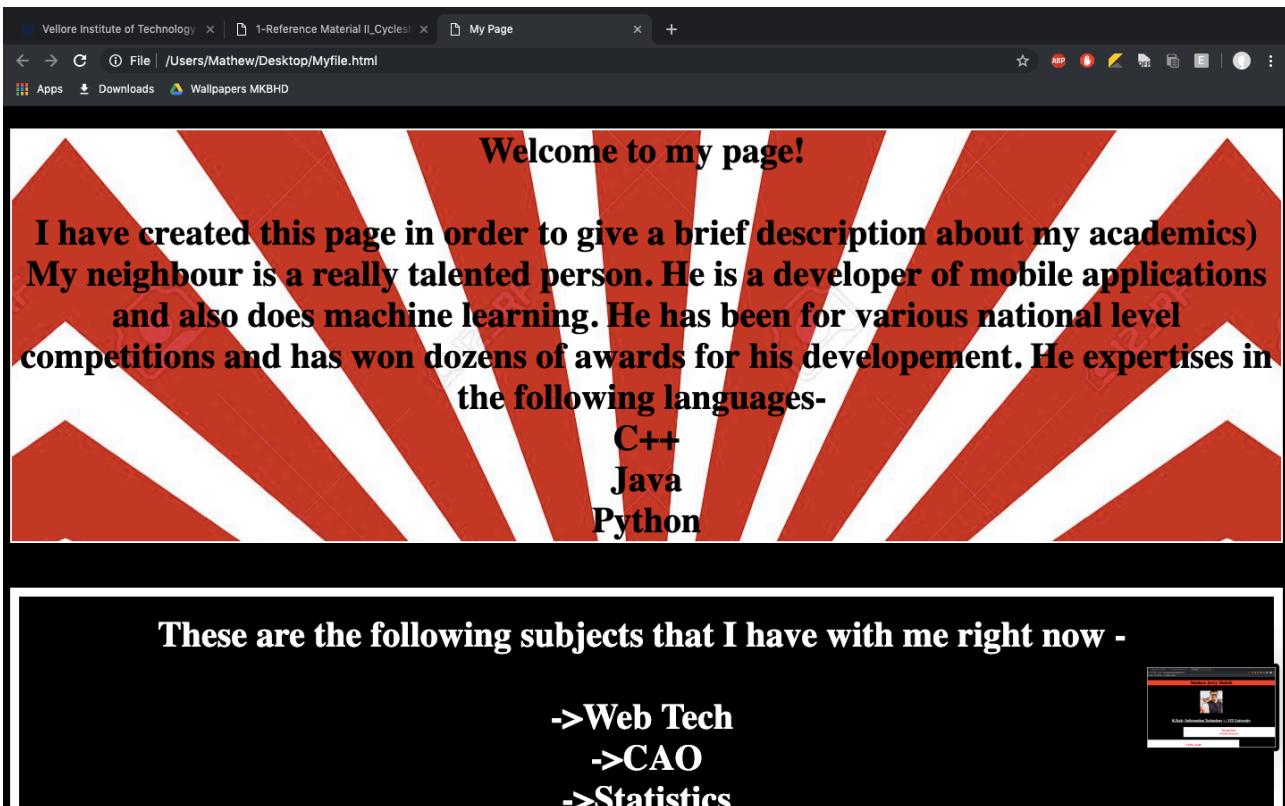
Welcome to my page!

I have created this page in order to give a brief description about my academics) My neighbour is a really talented person. He is a developer of mobile applications and also does machine learning. He has been for various national level competitions and has won dozens of awards for his development. He expertises in the following languages-

C++
Java
Python

These are the following subjects that I have with me right now -

->Web Tech
->CAO
->Statistics



competitions and has won dozens of awards for his development. He expertises in the following languages-

C++
Java
Python

These are the following subjects that I have with me right now -

- >Web Tech
- >CAO
- >Statistics
- >Big Data
- >French

My programming skills include-

Question 3)

Code-

```
<!DOCTYPE html>
<html>
    <head>
        <meta charset="utf-8">
    </head>
    <body>
        <table border="1" height="10%" width="100%" cellpadding="10px">
            <tr align="center"><b><i>My tech stock picks</i></b></tr>
            <tr align="left">
                <th>NAME</th>
                <th>SYMBOL</th>
                <th>CURRENT</th>
                <th>52WK HI</th>
                <th>52WK LO</th>
                <th>PE RATIO</th>
            </tr>
            <tr>
```

```
<tr align="center">
    <td>Microsoft</td>
    <td>MSFT</td>
    <td>86-3/8</td>
    <td>119-15/16</td>
    <td>75-1/2</td>
    <td>56.09</td>
</tr>
<tr>
<tr align="center">
    <td>Cisco Systems</td>
    <td>CSCO</td>
    <td>72-1/8</td>
    <td>82</td>
    <td>24-13/16</td>
    <td>400.69</td>
</tr>
<tr align="center">
    <td>America Online</td>
    <td>AOL</td>
    <td>63</td>
    <td>95-13/16</td>
    <td>38-15/32</td>
    <td>350.00</td>
</tr>
<tr align="center">
    <td>Qwest Communications</td>
    <td>Q</td>
    <td>44-7/16</td>
    <td>66</td>
    <td>25-3/4</td>
    <td>74.06</td>
</tr>
<tr align="center">
    <td>Dell Computers</td>
    <td>DELL</td>
    <td>53-59/64</td>
    <td>59-11/16</td>
    <td>31-3/8</td>
    <td>86.97</td>
</tr>
</table>
</body>
<html>
```

OUTPUT-

The screenshot shows a browser window with the title bar "Vellore Institute of Technology" and the address bar "File /Users/Mathew/Downloads/Cyclesheet_Q3.html". The main content is a table titled "My tech stock picks" with the following data:

NAME	SYMBOL	CURRENT	52WK HI	52WK LO	PE RATIO
Microsoft	MSFT	86-3/8	119-15/16	75-1/2	56.09
Cisco Systems	CSCO	72-1/8	82	24-13/16	400.69
America Online	AOL	63	95-13/16	38-15/32	350.00
Qwest Communications	Q	44-7/16	66	25-3/4	74.06
Dell Computers	DELL	53-59/64	59-11/16	31-3/8	86.97

Question 4)

Code-

```
<!doctype html>
<html>
<head>
<meta charset="utf-8">
<title>VADER</title>
<style>
div.main {
height:350px;
width:550px;
}

div.left {
height:345px;
width:400px;
padding:4px;
float:left;
```

```
}
```

```
div.right {  
height:345px;  
width:100px;  
float:right;  
}
```

```
.a {  
text-align:right;  
font-size:10px;  
}  
.b {  
text-align:left;  
font-size:10px;  
}
```

```
</style>  
</head>  
<body>  
<div class="main">  
    <div class="left">  
        <div class="a">  
            <h1><b>VADER</b></h1>  
            <p>If you only knew the power of dark side Obi-Wan never told <br/> you what happened to your father</p>  
        </div>  
        <div class="b">  
            <h1><b>LUKE</b></h1>  
            <p>He told me enough! It was you who killed him</p>  
        </div>  
        <div class="a">  
            <h1><b>VADER</b></h1>  
            <p>No. I am your father</p>  
        </div>  
        <div class="b">  
            <h1><b>LUKE</b></h1>  
            <p>No. No. That's not true!<font color="red">That's Impossible!</font></p>  
        </div>  
        <div class="a">  
            <h1><b>VADER</b></h1>
```

```

<p>Search your feelings.<b>You know it to be
true</b></p>
</div>

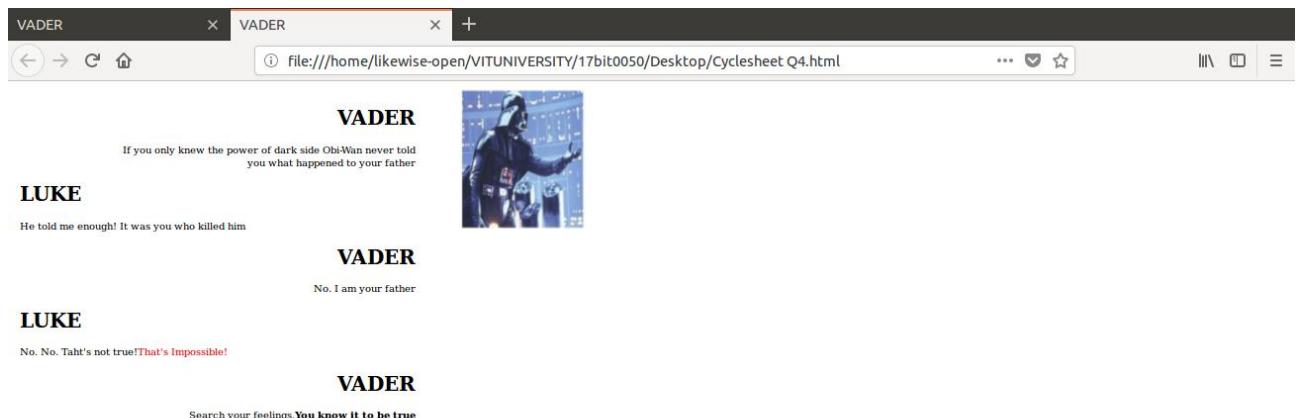
</div>
<div class="right">


</div>
</div>

</body>
</html>

```

OUTPUT-



Question 5)

PIZZA PAGE CODE-

```
<!doctype html>
<html>
<head>
<metacharset="utf-8">
<title>Pizza Shop</title>
<style>

div.main{
background-color: red;
height: 1000px;
width: 1010px;
margin: 2px;
padding: 2px;
border-color: black;
border-style: solid;
border-width: 5px;

}

div.a {
height: 225px;
width: 998px;
background-color: white;
margin-top:5px;
font-size:100px;
color: green;
border-color:green;
border-style:solid;
border-width:5px;
float:center;
}

div.b {

height:600px;
width:200px;
float: left;
background-color: white;
margin:10px;
```

```
border-color: black;
border-style: solid;
border-width: 5px;
font-size: 20px;
}

div.c {

height: 600px;
width: 750px;
float: right;
background-color: white;
margin: 10px;
border-color: black;
border-style: solid;
border-width: 5px;
color: green;
font-size: 20px;
}

div.d {

height: 100px;
width: 980px;
float: left;
background-color: white;
margin: 10px;
border-color: black;
border-style: solid;
border-width: 5px;
padding-top: 5px;
color: green;
font-size: 25px;
}

</style>
</head>
```

```
<body>
<div class="main">

    <div class="a">
        <center>VELLORE PIZZA SHOP</center>

    </div>
    <div class="b">
        <b>OUR NEW SHOPS</b>
        <ul>
            <li>Katpadi</li>
            <li>VIT Campus</li>
            <li>Gandhinagar</li>
            <li>CMC Campus</li>
            <li>Chitoor</li>
            <li>Ramnagar</li>
        </ul>

        <b>NEW TOPPINGS</b>
        <ul>
            <li>Bacon</li>
            <li>Cheese</li>
            <li>Onion</li>
            <li>Mushroom</li>
        </ul>

    </div>
    <div class="c">
        <b>NEW PIZZAS IN OUR LIST</b><br/><br/>
        Margherita: tomato sauce, mozzarella<br/>
        Funghi: tomato sauce, mozzarella, mushrooms<br/>
        Capricciosa: tomato sauce, mozzarella, mushrooms,
        ham, eggs, artichoke, cocktail sausages, green
        olives<br/>
        Quattro Stagioni: tomato sauce, mozzarella, ham,
        black olives, mushrooms, artichoke, peas, salami,
        eggs<br/>
        Vegetariana: tomato sauce, mozzarella, mushrooms,
        onion, (artichoke), sweet corn, green peppers<br/>
        Quattro Formaggi: tomato sauce, and 4 assorted
        cheeses, generally mozzarella, Parmesan cheese, blue
        cheese, and goat cheese, but may vary<br/>
    </div>

```

Marinara: tomato sauce, mozzarella, shrimps, mussels, tuna, calamari, crab meat

Peperoni: tomato sauce, mozzarella, peperoni

Napolitana: tomato sauce, anchovies, olives, capers

Hawaii: tomato sauce, mozzarella, ham, pineapple

Maltija (Maltese): tomato sauce, goat cheese, sun dried tomatoes, Maltese sausage, onion

Calzone (folded): tomato sauce, mozzarella, mushrooms, ham, eggs

Rucola: tomato sauce, mozzarella di bufala, parma ham, Parmesan shavings, rucola

Bolognese: tomato sauce, mozzarella, minced meat, onion, (fresh tomato)

Meat Feast: tomato sauce, mozzarella, minced meat, Maltese sausage, and other meat

Kebabpizza: tomato sauce, mozzarella, döner kebab, onion, green peperoncini, (kebab sauce poured over after baking)

Mexicana: tomato sauce, mozzarella, various recipes with minced beef, jalapeños, sweet corn, onion, spicy sauce and other hot ingredients

</div>

<div class="d">

<center>CLICK HERE TO ORDER NOW !!</center>

<center>Page made by - Mathew Jerry Meleth (17BIT0050)</center>

</div>

</div>

</body>

</html>

OUTPUT-

**VELLORE PIZZA
SHOP**

OUR NEW SHOPS

- Katpadi
- VIT Campus
- Gandhinagar
- CMC Campus
- Chitoor
- Rammagar

NEW TOPPINGS

- Bacon
- Cheese
- Onion
- Mushroom

NEW PIZZAS IN OUR LIST

Margherita: tomato sauce, mozzarella
 Funghi: tomato sauce, mozzarella, mushrooms
 Capricciosa: tomato sauce, mozzarella, mushrooms, ham, eggs, artichoke, cocktail sausages, green olives
 Quattro Stagioni: tomato sauce, mozzarella, ham, black olives, mushrooms, artichoke, peas, salami, eggs
 Vegetariana: tomato sauce, mozzarella, mushrooms, onion, (artichoke), sweet corn, green peppers
 Quattro Formaggi: tomato sauce, and 4 assorted cheeses, generally mozzarella, Parmesan cheese, blue cheese, and goat cheese, but may vary
 Marinara: tomato sauce, mozzarella, shrimps, mussels, tuna, calamari, crab meat
 Peperoni: tomato sauce, mozzarella, peperoni
 Napolitana: tomato sauce, anchovies, olives, capers
 Hawaii: tomato sauce, mozzarella, ham, pineapple
 Maltija (Maltese): tomato sauce, goat cheese, sun dried tomatoes, Maltese sausage, onion
 Calzone (folded): tomato sauce, mozzarella, mushrooms, ham, eggs
 Rucola: tomato sauce, mozzarella di bufala, parma ham, Parmesan shavings, rucola
 Bolognese: tomato sauce, mozzarella, minced meat, onion, (fresh tomato)
 Meat Feast: tomato sauce, mozzarella, minced meat, Maltese sausage, and other meat
 Kebabpizza: tomato sauce, mozzarella, döner kebab, onion, green peperoncini, (kebab sauce poured over after baking)
 Mexicana: tomato sauce, mozzarella, various recipes with minced beef, jalapeños, sweet corn, onion, spicy sauce and other hot ingredients

[**CLICK HERE TO ORDER NOW !!**](#)

Page made by - Mathew Jerry Meleth (17BIT0050)



PIZZA FORM CODE-

```
<!doctype html>
<html>
<head>
<metacharset="utf-8">
<title>Pizza Shop</title>
</head>
<body>
<table cellpadding="10px" cellspacing="10px"
height="500px" width="500px" border="10px">
<tr>
```

```
<th colspan="4">Pizza Shop 2.0</th>
</tr>
<tr>
<td>Name</td>
<td colspan="3"><input type="text" name="n1">
</td>
</tr>
<tr>
<td>Pizza Topping</td>
<td><input type="radio">Supreme<br/>
    <input type="radio">Vegetarian<br/>
    <input type="radio">Hawaiian<br/>
</td>
</tr>
<tr>
<td>Pizza Sauce</td>
<td><select
label="tomato"><option>Tomato</option></select></td>
</tr>
<tr>
<td>Options Extras</td>
<td><input type="checkbox">Extra Cheese<input
type="checkbox">Gluten Free Base
</td>
</tr>
<tr colspan="3" rowspan="3">
<td>Delivery Instructions<br/>
<input type="text">
</td>
</tr>
</body>
</html>
```

OUTPUT-

Pizza Shop 2.0	
Name	<input type="text"/>
Pizza Topping	<input checked="" type="radio"/> Supreme <input checked="" type="radio"/> Vegetarian <input checked="" type="radio"/> Hawaiian
Pizza Sauce	<input type="text" value="Tomato"/> ▾
Optional Extras	<input type="checkbox"/> Extra Cheese <input type="checkbox"/> Gluten Free Base
Delivery Instructions: <input type="text"/>	
Send my Order	

CYCLESHEET - 2

1. A mail-order house sells five different products whose retail prices are as follows: product 1, \$2.98; product 2, \$4.50; product 3, \$9.98; product 4, \$4.49; and product 5, \$6.87. Write a script that reads a series of pairs of numbers as follows:

1. Product number 2. Quantity sold for one day

Your program should use a switch statement to determine each product's retail price and should calculate and output HTML that displays the total retail value of all the products sold last week. Use a prompt dialog to obtain the product number and quantity from the user. Use a sentinel-controlled loop to determine when the program should stop looping and display the final results. If the user inputs an invalid product number a proper alert window shall be displayed.

```
<!DOCTYPE html>
<html>
<head>
<title>
javascript and jquery 01
</title>
<meta charset="UTF-8">

</head>
<body>

<script type="text/javascript">
var ul=document.createElement("ul");
var retp=0; //total retail price
var productp; //Products retail prices

var price={
Product1:0,
Product2:0,
Product3:0,
Product4:0,
Product5:0
};

function pprice(pp,pno){
var q=prompt("Enter quantity");
var p=Number(q)*pp;
if(pno==1){
```

```

price.Product1=p;
}else if(pno==2){
price.Product2=p;
}
else if(pno==3){
price.Product3=p;
}
else if(pno==4){
price.Product4=p;
}
else if(pno==5){
price.Product5=p;
}

}

function pricedet(){
document.body.appendChild(ul);
var retailp=Object.entries(price);
for(var [pno,pp] of retailp){
var li=document.createElement("li");
var values=document.createTextNode(pno+" = $" + pp);
li.appendChild(values);
ul.appendChild(li);

}

var values=Object.values(price);
for(var val of values){
retp+=val;

}

var li=document.createElement("li");
var values=document.createTextNode("total retail value = $" + retp);
li.appendChild(values);
ul.appendChild(li);
}

outerloop:while(true){
var productno=prompt("Enter product no \n Click Cancel anytime to Show results");
switch(productno){
case "1":
productp=2.98;

```

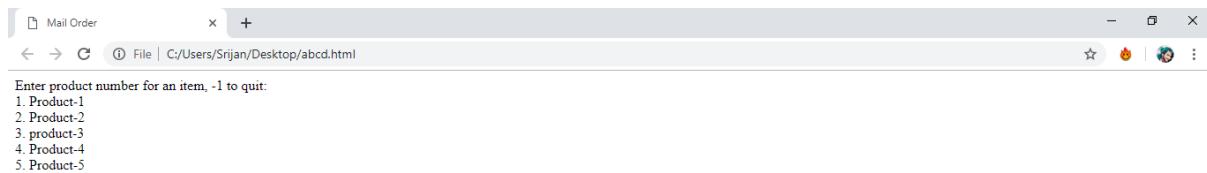
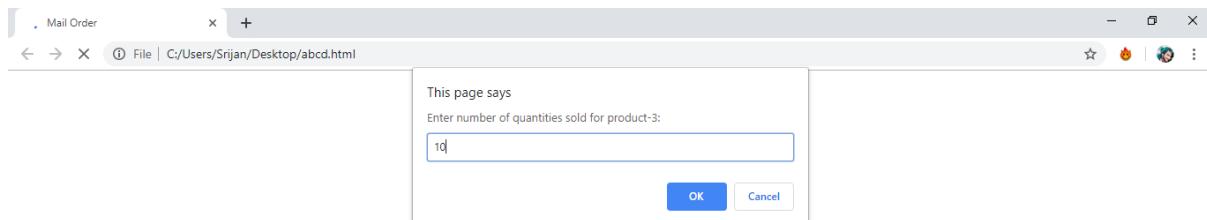
```
pprice(productp,1);
break;
case "2":
productp=4.50;
pprice(productp,2);
break;
case "3":
productp=9.98;
pprice(productp,3);
break;
case "4":
productp=4.49;
pprice(productp,4);
break;
case "5":
productp=6.87;
pprice(productp,5);
break;
default:
if(productno==null){
break outerloop;
} else{
alert("please Enter valid Product no")
}
}}
```

```
pricedet();
// var par=document.createElement("h1 ");
// var child=document.createTextNode(price.x);
// par.appendChild(child);
// HTMLBodyElement.appendChild(par);
```

```
</script>
```

```
</body>
```

```
</html>
```



Total Sales for Last week is: \$172

Mail Order

Press F5 or Refresh to load script again.



2. Create a web page containing three divisions.

- i) The first division displays a digital clock on the rightmost end.
- ii) The width of the first division is 100%.The second division and third division lay side by side.
- iii) The second division has an image slider and third division has a color picker and two list box having font-family and size and a button. When a button is clicked the background color, font and font size should change for a whole page. Use JavaScript to implement the above.

CODE:

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<style>
```

```
body{
```

```
font-family:fantasy;
```

```
font-size:100px;
```

```
}
```

```
#clock{
```

```
width:100%;
```

```
height:350px;
```

```
background-color:#424140;
```

```
}
```

```
#imageslide{
```

```
}
```

```
#div3{
```

```
width:50%;
```

```
height:300px;
```

```
float:left;
```

```
}
```

```
#clockcontainer{
```

```
position: relative;
```

```
top:50px;
```

```
width:500px;
```

```
margin:0 auto;
```

```
height:150px;
```

```
background-color:#e1f7e5;  
border-radius:1000px;  
border:10px #deefe2 inset;
```

```
}#time{  
position: relative;  
top:20px;  
left:90px;
```

```
font-size:100px;  
font-family:sans-serif;  
color:#565554;
```

```
  
}  
#cpicker{  
width:100px;  
height:30px;
```

```
  
}  
h1{  
color:white;  
position: relative;  
left:550px;  
font-size: 70px;  
margin:0;  
top:10px;
```

```
  
}  
td{  
height:40px;  
font-size: 25px;  
padding: 10px;  
font-family: monospace;  
}
```

```
.showSlide {  
display: none  
}  
.showSlide img {  
width: 70%;  
height: 300px;  
background-color: aqua;
```

```
}

.slidercontainer {
width:50%;
height:300px;

float:left;
position: relative;
}

.left, .right {
cursor: pointer;
position: absolute;
top: 50%;
width: auto;
padding: 16px;
margin-top: -22px;
color: white;
font-weight: bold;
font-size: 18px;
transition: 0.6s ease;
border-radius: 0 3px 3px 0;
}

.right {
right: 0;
border-radius: 3px 0 0 3px;
}

.left:hover, .right:hover {
background-color: rgba(115, 115, 115, 0.8);
}

.active {

}

/* Fading animation */

.fade {
-webkit-animation-name: fade;
-webkit-animation-duration: 1.5s;
animation-name: fade;
animation-duration: 1.5s;
}

@-webkit-keyframes fade {
from {
opacity: .4
}
```

```

to {
  opacity: 1
}
}

@keyframes fade {
from {
  opacity: .4
}
to {
  opacity: 1
}
}

</style>
<script>
function changeprop(){
var color=document.getElementById("cpicker").value;
var fontfam=document.getElementById("fontfamily");
var fontfamval=fontfam.options[fontfam.selectedIndex].value;
var fontsize=document.forms[0].elements["fontsize"];
var fontsizeval=fontsize.options[fontsize.selectedIndex].value;
document.getElementById("div3").style.backgroundColor=color;
document.getElementById("clock").style.backgroundColor=color;
document.getElementById("imageslide").style.backgroundColor=color;
document.getElementById("fontfam").style.fontFamily=fontfamval;
document.getElementById("fontfam2").style.fontFamily=fontfamval;
document.getElementById("fontfam3").style.fontFamily=fontfamval;
document.getElementById("fontfam4").style.fontFamily=fontfamval;
document.getElementById("fontfam").style.fontSize=fontsizeval+"px";
document.getElementById("fontfam2").style.fontSize=fontsizeval+"px";
document.getElementById("fontfam3").style.fontSize=fontsizeval+"px";
document.getElementById("fontfam4").style.fontSize=fontsizeval+"px";
}
function digitalclock(){
var date=new Date();
var hour=date.getHours();
var minute=date.getMinutes();
var seconds=date.getSeconds();
var m=checkTime(minute);
var ss=checkTime(seconds);
var time=hour+":"+m+":"+ss;
}

```

```

var t=setTimeout(digitalclock,1000);
document.getElementById("time").innerHTML=time;

}

function checkTime(i) {
if (i < 10) {i = "0" + i;} // add zero in front of numbers < 10
return i;
}

var slide_index = 1;
displaySlides(slide_index);
function nextSlide(n) {
displaySlides(slide_index += n);
}
function currentSlide(n) {
displaySlides(slide_index = n);
}
function displaySlides(n) {
var i;
var slides = document.getElementsByClassName("showSlide");
if (n > slides.length) { slide_index = 1 }
if (n < 1) { slide_index = slides.length }
for (i = 0; i < slides.length; i++) {
slides[i].style.display = "none";
}
slides[slide_index - 1].style.display = "block";
}

```

</script>

```

</head>
<body onload="digitalclock()">
<div id="clock">
<h1 id="fontfam4">CLOCK</h1>
<div id="clockcontainer">
<span id="time"></span>

</div>

```

```
</div>
<div class="slidercontainer" id="imageslide">
<div class="showSlide fade" >


</div>
<div class="showSlide fade">


</div>

<div class="showSlide fade">


</div>
<div class="showSlide fade">


</div>
<!-- Navigation arrows -->
<a class="left" onclick="nextSlide(-1)">left</a>
<a class="right" onclick="nextSlide(1)"> right</a>
</div>
<div id="div3">
<form id="prop">
<table>
<tr><td id="fontfam">Color picker</td>
<td> <input id="cpicker" type="color"/></td></tr>
<tr><td id="fontfam2">Font-family</td>
<td> <select id="fontfamily">
<option value="monospace">monospace</option>
<option value="serif">serif</option>
<option value="sans-serif">sans-serif</option>
<option value="cursive">cursive</option>
<option value="fantasy">fantasy</option>
</select></td></tr>
<tr><td id="fontfam3">Font-size</td>
<td><select id="fontsize">
<option value="20">20px</option>
<option value="50">50px</option>
<option value="70">70px</option>
```

<option value="90">90px</option>

</select></td></tr>

<tr><td colspan="2"><input type="button" onclick="changeProp()" value="Press to Change"></td></tr>

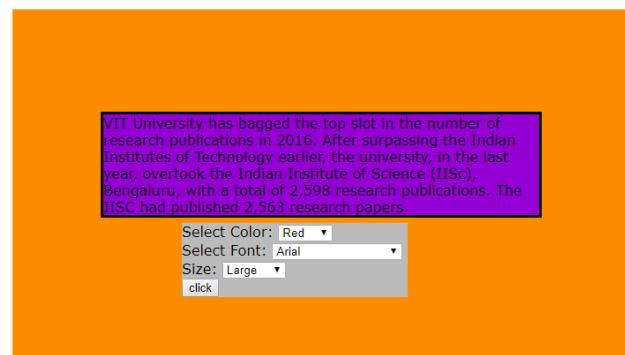
</table>

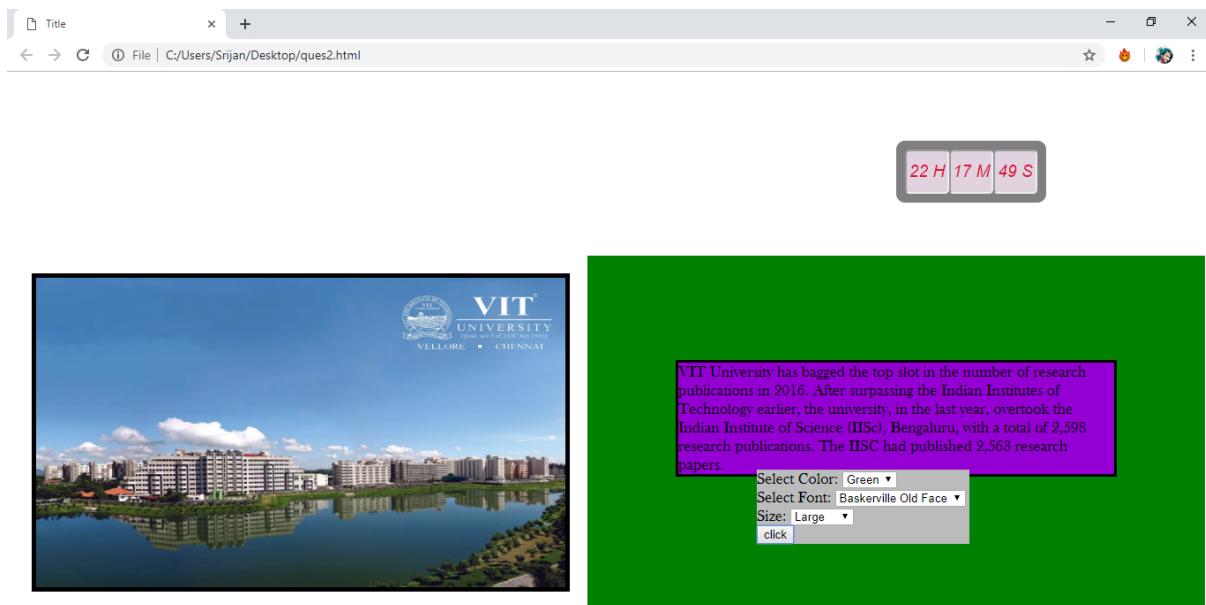
</form>

</div>

</body>

</html>





3. Design a student registration form which takes student name, register number, DOB, program, email id, temporary address, permanent address, phone number. Validate the following using JavaScript:
 - i) Mobile number should be exactly 10 digits.
 - ii) Register number should have alphabets and numbers only

- iii) Name should not exceed 30 characters and can be only alphabets.
- iv) Email validation
- v) Provide a checkbox saying “Permanent address is same as temporary address”. If checked, the value of permanent address should be added automatically from temp address. And should be in disabled mode.

CODE:

```
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<script type="text/javascript">
function validate(){
var formm=document.getElementById("registration");
var name=formm.name.value;
var registrono=formm.registerno.value;
var dob=formm.date.value;
var program=formm.program.value;
var emailid=formm.emailid.value;
var tempadd=formm.tempadd.value;
var peradd=formm.peradd;
var phoneno=formm.phoneno.value;
var check=formm.pemadd;

if(name==""|| name.length>30){
alert("invalid name");
return false;
}if(tempadd==""){
alert("please provide temporary address");
return false;
}
if(check.checked==true){
peradd.value=tempadd;
}
if( /[a-zA-Z0-9]/.test( registrono ) || registrono=="" ) {
alert('Invalid Register no');
return false;
}
if(dob==""){
alert("Please provide DOB");
return false;
}
```

```

var atpos = emailid.indexOf("@");
var dotpos = emailid.lastIndexOf(".");
if (atpos<1 || dotpos<atpos+2 || dotpos+2>=emailid.length) {
    alert("Not a valid e-mail address");
    return false;
}
if(program==""){
    alert("Program Field cannot be empty");
    return false;
}
if(phoneno.length!=10 || isNaN(phoneno)){
    alert("Phone no is invalid");
    return false;
}
}
}
</script>
<style>
table{
border:2px solid black;
border-collapse: collapse;
}

td{
border: 2px solid black;
padding: 5px;
}

}</style>

</head>
<body>
<form id="registration">
<h1>Student registration form</h1>
<table>
<tr>
<td>Student name</td>
<td><input type="text" name="name"></td>
</tr>
<tr>
<td>Register no</td>
<td><input type="text" name="registerno"></td>
</tr>
<tr>

```

```
<td>DOB</td>
<td><input type="Date" name="date"></td>
</tr>
<tr>
<td>Program</td>
<td><input type="text" name="program"></td>
</tr>
<tr>
<td>Email-id</td>
<td><input type="text" name="emailid"></td>
</tr>
<tr>
<td>Temporary Address</td>
<td><textarea rows="5" cols="20" name="tempadd"></textarea><br>
<input type="checkbox" name="pemadd" >Permanent address is same

</td>
</tr>
<tr>
<td>Permanent Address</td>
<td><textarea rows="5" cols="20" name="peradd"></textarea></td>
</tr>
<tr>
<td>Phone number</td>
<td><input type="number" name="phoneno"></td>
</tr>
<tr>
<td colspan="2"><input type="button" value="Submit" onclick="return validate();"/></td>
</tr>

</table>
</form>
</body>
</html>
```

Student registration form

Student name	<input type="text"/>
Register no	<input type="text"/>
DOB	<input type="text"/> dd-mm-yyyy
Program	<input type="text"/>
Email-id	<input type="text"/>
Temporary Address	<input type="text"/>
<input type="checkbox"/> Permanent address is same	
Permanent Address	<input type="text"/>
Phone number	<input type="text"/>
<input type="button" value="Submit"/>	

4. BSNL has designed a grievance registration form in HTML with name of customer, address, telecom circle, email and grievance nature in a list box containing huge bills for limited mobile usage, roaming charges and frequent service disruption and a submit button. Write a Javascript DOM event to be enabled when the user submits the form and display the complaint details in a tabular format. If no grievance is selected, then invoke another DOM event to display “No grievances”.

CODE:

```
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<style>
#ftable{
border: 2px solid black;
border-collapse: collapse;
margin:0 auto;
width:400px;
}
td{
border: 1px solid black;
padding:8px;
}
.fele{
width: 200px;
}
#table2{border: 2px solid black;
border-collapse: collapse;
margin:20px auto;
width:400px;
```

```

}

th{
border: 1px solid black;
padding:8px;

}

</style>

</head>
<body>

<form id="bsnl" action="">
<table id="ftable">

<tr><td>Name of customer</td>
<td> <input type="text" class="fele" name="name" required></td></tr>
<tr><td>Address</td><td>
<textarea rows="10" cols="20" class="fele" name="address">
Your address</textarea></td>
<tr><td>Telecom circle</td>
<td> <input type="text" class="fele" name="telcircle"></td></tr>
<tr><td>Email</td>
<td> <input type="email" class="fele" name="telcircle"></td></tr>

<tr><td>Choose Complaint</td>
<td><select class="fele" name="grievances">
<option value="no Grievances" selected>No complaint</option>
<option value="Huge Bills for Limited Usage">
Huge Bills for Limited Usage</option>
<option value="roaming charges">
roaming charges</option>
<option value="frequent service disruption">
frequent service disruption</option>

</select></td></tr>
<tr><td colspan="2"><input type="button" value="Submit" onclick="details()"></td></tr>
</table>

</form>

<table id="table2">

```

```

<tr><th>Name of customer</th>
<th>Address of customer</th>
<th>Telecom circle of customer</th>
<th>Email</th>
<th>Grievances</th>

</tr>
<tr>
<td id="nme"></td>
<td id="add"></td>
<td id="telcir"></td>
<td id="email"></td>
<td id="griv"></td>

</tr>

</table>

<script type="text/javascript">
// function displaydet(){
// var name=document.getElementById("bsnl").elements[0].value;
// console.log(name)
//

function details(){
var cform=document.getElementById("bsnl");
var name=cform.elements[0].value;
var address=cform.elements[1].value;
var telecomcircle=cform.elements[2].value;
var email=cform.elements[3].value;
var dlist=cform.elements["grievances"];
if(dlist.selectedIndex==0){
alert("No grievances selected");
}
else{

document.getElementById("nme").innerHTML=name;
document.getElementById("add").innerHTML=address;
document.getElementById("telcir").innerHTML=telecomcircle;
document.getElementById("email").innerHTML=email;
document.getElementById("griv").innerHTML=dlist.options[dlist.selectedIndex].value;
}
}

```

{}

</script>

</body>

</html>

OUTPUT-

The screenshot shows a web browser window with the following details:

- Address bar: File | C:/Users/Aman%20Agarwal/Desktop/da/cyclesheets/c2/Q4.html
- Form fields:
 - Name of customer: [Input field]
 - Address: [Input field]
 - Telecom circle: [Input field]
 - Email: [Input field]
 - Choose Complaint: [Select dropdown] - No complaint
 - Submit: [Submit button]
- Table:

Name of customer	Address of customer	Telecom circle of customer	Email	Grievances

5. Develop an online Railway Reservation application.

- i) It has top frame with the name “Online Railway Reservation System” in the middle, there is a logo/image in the left corner using suitable CSS styles and the left frame with the links for Ticket booking and availability checking; for each link the target should be the right frame.
- ii) Create a Ticket Booking form which should have From and To in a text box, Train Names in a drop down box, Coach Number in a list box, Date in a date field, Timing in a text box, Passengers Male and female in a dropdown menu showing the count number and Submit and Reset button.
- iii) Assume availability of tickets already declared in the script. Create a DOM event to display the ticket confirmation details on any HTML element when ticket is available otherwise display “tickets not available” by invoking any other DOM event.

CODE:

```
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">

<style>
img{
```

```
position: relative;
top: ;
left: 600px; ;
```

```
}
```

```
h1 {
text-align: center;
}
#frame2{
margin-left: 20px;
```

```

float:right;
vertical-align: top;

}

#frames{
margin: 20px;
}

#links{
float:left;
border:2px solid black;
height:400px;
width:600px;
}

li{
margin:30px;
}

</style>
</head>

<body>
<div>
<h1>Online Railway reservation System</h1>


</div>
<div id="frames">
<div id="links"><ul>
<li><a href="cyc2051.html" target="booking">BOOK TICKETS</a></li>
<li><a href="cyc01.html" target="booking">Check PNR status</a></li>
<li><a href="cyc203.html" target="booking">CANCEL TICKETS</a></li>
</ul></div>
<iframe width="50%" id="frame2" height="400px" name="booking"></iframe>

</div>

</body>
</html>

```

Output:

```
<!DOCTYPE html>
<html>
<head>
<style>
table{
border: 2px solid black;
border-collapse: collapse;
width:400px;
height: 300px;
}
td{
border: 2px solid black;\ 
padding:5 px;

}
</style>
<script type="text/javascript">
function showdetails(){
var ticket=document.getElementById("ticket");
var from=ticket.from.value;
var to=ticket.to.value;
var trainnames=ticket.trainname;
var trainval=trainnames.options[trainnames.selectedIndex].value;
var class=ticket.class;
var classval=class.options[class.selectedIndex].value;
var date=ticket.date.value;
var time=ticket.time.value;
var gender=ticket.gender;
var genderval=gender.options[gender.selectedIndex].value;
document.getElementById("book").innerHTML=<h1>kartik</h1>;
}

</script>
</head>
<body>
<div id="book">
<form id="ticket">
<table>
<tr>
```

```

<td>From</td>
<td><input type="text" name="from"></td>
</tr>
<tr>
<td>To</td>
<td><input type="text" name="to"></td>
</tr>
<tr>
<td>Train names</td>
<td><select name="trainname">
<option value="Coimbatore express">Coimbatore express</option>
<option value="Chennai express">Chennai express</option>
<option value="Garib rath">Garib rath</option>
<option value="Jaipur express">Jaipur express</option>
</select></td>
</tr>
<tr>
<td>
Class
</td>
<td><select name="class"><option value="3A">3A</option>
<option value="2A">2A</option>
<option value="1A">1A</option>
<option value="Sleeper">Sleeper</option></select></td>
</tr>
<tr><td>Date Of journey</td>
<td><input type="Date" name="date"></td></tr>
<tr><td>Timing</td>
<td><input type="time" name="time"></td></tr>
<tr><td>Choose gender</td>
<td><select name="gender"><option value="Male">Male</option><option
value="Female">Female</option></select></td></tr>
<tr>
<td><input type="button" value="submit" onclick="showdetails()"></td>
<td><input type="reset" value="reset"></td>
</tr>
</table>

</form>
</div>

```

</body>

</html>



Cycle Sheet - 3

1. JQuery

- i) Design a table in the format given below using HTML and jquery selectors.
- ii) Apply different background for odd and even rows of the table.
- iii) Apply different CSS for table header using jquery selectors.

First Name	Last Name	City	State
Mannix	Bolton	Merizo	Michigan
Suki	King	Fairmont	Oklahoma
Shelby	English	Durham	Arkansas
Portia	Burns	Princeton	Rhode Island
Dacey	Young	Covina	South Carolina
Clark	Reyes	Grand Rapids	New Jersey
Maris	Decker	Sierra Madre	Georgia

CODE:

```

<!DOCTYPE html>
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
<script>
$(document).ready(function() {
    $("button").click(function() {
        $("tr:odd").css("background-color","grey");
        $("tr:even").css("background-color","white");
        $("th").css({"background-color":"white","text-align":"center","height":"30px"});
        $("#t01").css("border","1px solid black");
    });
});
</script>
</head>
<body>

<h2>Jquery Implemented Table</h2>

<table id="t01" style="width:100%">
<tr>
<th>Firstname</th>
<th>Lastname</th>
<th>City</th>
<th>State</th>
</tr>
<tr>
<td>Mannix</td>
<td>Bolton</td>
<td>Merizo</td>

```

```
<td>Michigan</td>
</tr>
<tr>
<td>Suki</td>
<td>King</td>
<td>Fairmont</td>
<td>Oklahoma</td>
</tr>
<tr>
<td>Shelby</td>
<td>English</td>
<td>Durham</td>
<td>Arkansas</td>
</tr>
<tr>
<td>Portia</td>
<td>Burns</td>
<td>Princeton</td>
<td>Rhode Island</td>
</tr>
<tr>
<td>Dacey</td>
<td>Young</td>
<td>Covina</td>
<td>South Carolina</td>
</tr>
<tr>
<td>Clark</td>
<td>Reyes</td>
<td>Grand Rapids</td>
<td>New Jersey</td>
</tr>
<tr>
<td>Maris</td>
<td>Decker</td>
<td>Sierra Madre</td>
<td>Georgia</td>
</tr>

</table><br>
<button>Apply CSS to Table</button>
</body>
</html>
```

OUTPUT:

Youtube video player: (59) Hawayein - Official Lyric

File | C:/Users/Hp/Desktop/17BIT0157_WEBTECH_LAB/11.html

Jquery Implemented Table

Firstname	Lastname	City	State
Mannix	Bolton	Merizo	Michigan
Suki	King	Fairmont	Oklahoma
Shelby	English	Durham	Arkansas
Portia	Burns	Princeton	Rhode Island
Dacey	Young	Covina	South Carolina
Clark	Reyes	Grand Rapids	New Jersey
Maris	Decker	Sierra Madre	Georgia

[Apply CSS to Table](#)



Youtube video player: (59) Hawayein - Official Lyric

File | C:/Users/Hp/Desktop/17BIT0157_WEBTECH_LAB/11.html

Jquery Implemented Table

Firstname	Lastname	City	State
Mannix	Bolton	Merizo	Michigan
Suki	King	Fairmont	Oklahoma
Shelby	English	Durham	Arkansas
Portia	Burns	Princeton	Rhode Island
Dacey	Young	Covina	South Carolina
Clark	Reyes	Grand Rapids	New Jersey
Maris	Decker	Sierra Madre	Georgia

[Apply CSS to Table](#)



2. Angular JS

- i) Create a shipping address form using html in the format given below.
- ii) Write an angular script that will be invoked when form is validated successfully.
- iii) Display the status messages using angular directives and angular class values for all form elements.

*** Required**

The form is titled "Shipping Address". It contains six input fields. Each field has a red asterisk (*) followed by a label: "Name", "Address", "Address", "City", "State", and "Zip". The "Address" label appears to be repeated.

CODE:

```
<html>
<head>
<title>Question 2</title>
</head>
<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.min.js"></script>
<body ng-app="">
<div>
<font align="left" color="red" size="2"> *Required</font>
<div align="center" style="background-color: yellow; width: 250px;">
<form name="myform">
<table style="cellpadding:0px; cellspacing:0px; border: 1px solid black;">
<tr align="left" >
<td colspan=2 style="background-color:blue; color: white;"> Shipping Address </td> </tr>
<tr>
<td align="right">
<font color="red">*</font>Name:</td>
<td> <input type="text" name="name" ng-model="name" required><span ng-show="myform.name.$touched && myform.name.$invalid">The name is required.</span> <br/> </td>
</tr>
<tr>
<td align="right"><font color="red">*</font>Address:</td>
<td><input type="text" name="add" ng-model="add" required><span ngshow="myform.add.$touched && myform.add.$invalid">The address is required.</span> <br/> </td>
</tr>
<tr>
<td align="right">Address:</td> <td> <input type="text" name=""> <br/> </td>
</tr>
<tr>
<td align="right" >
```

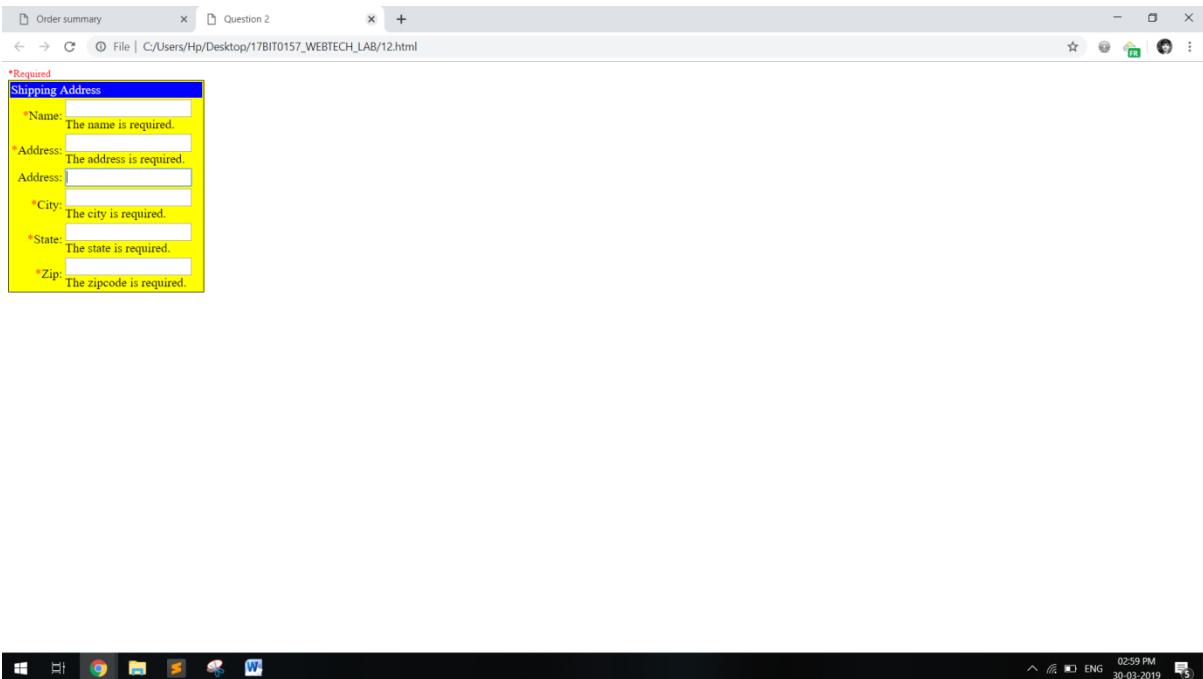
```

<font color="red">*</font>City: </td> <td> <input type="text"
name="city" ng-model="city" required><span ng-show="myform.city.$touched &&
myform.city.$invalid">The city is required.</span> <br/></td>
</tr>
<tr>
<td align="right">
<font color="red">*</font>State:</td> <td> <input type="text"
name="st" ng-model="st" required><span ng-show="myform.st.$touched &&
myform.st.$invalid">The state is required.</span> <br/></td>
</tr>
<tr>
<td align="right">
<font color="red">*</font>Zip:</td> <td> <input type="text"
name="zip" ng-model="zip" required><span ng-show="myform.zip.$touched &&
myform.zip.$invalid">The zipcode is required.</span> <br/></td>
</tr>
</table>
</form>
</div>
</div>
</center>
</body>
</html>

```

OUTPUT:





3. i) Create an angular shopping application to buy books and remove if not required.
- ii) If the user enters a book in the text box and clicks addbook button, the book is added and if the user clicks on cross symbol next to each book given in the picture below, the book is removed from the list.
- iii) If the book is selected twice, display an appropriate error message. Use angular animations to add and remove items.

Books

Web Technologies	X
Operating System	X
Database systems	X
Computer Architecture	X

ADD BOOK

CODE:

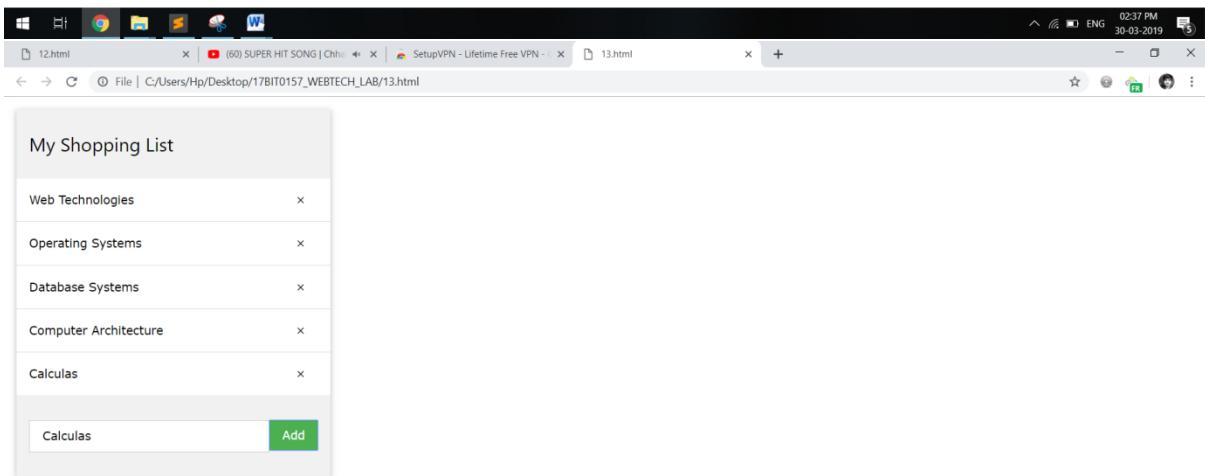
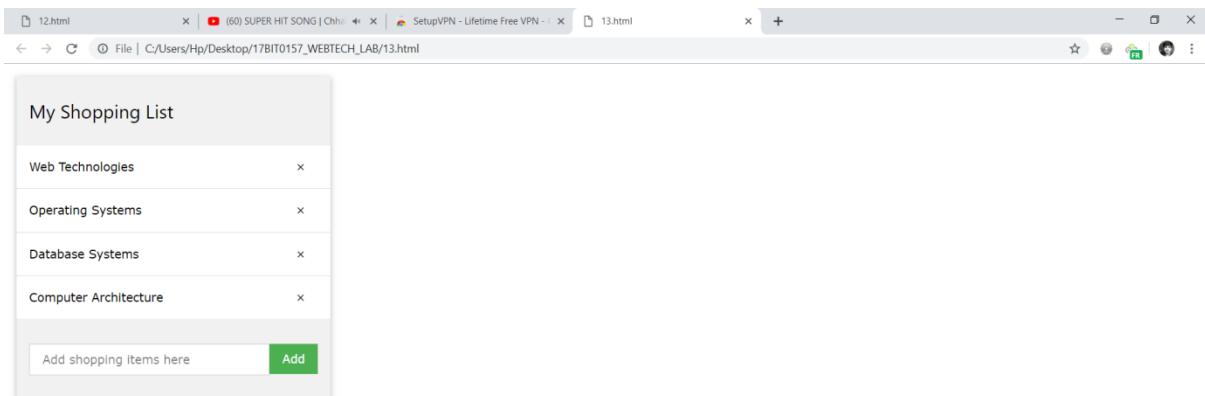
```
<!DOCTYPE html>
<html>
<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.min.js"></script>
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<body>
```

```

<script>
var app = angular.module("myShoppingList", []);
app.controller("myCtrl", function($scope) {
$scope.products = ["Web Technologies", "Operating Systems", "Database Systems", "Computer Architecture"];
$scope.addItem = function () {
$scope.errortext = "";
if (!$scope.addMe) {return;}
if ($scope.products.indexOf($scope.addMe) === -1) {
$scope.products.push($scope.addMe);
} else {
$scope.errortext = "The item is already in your shopping list.";
}
}
$scope.removeItem = function (x) {
$scope.errortext = "";
$scope.products.splice(x, 1);
});
</script>
<div ng-app="myShoppingList" ng-cloak ng-controller="myCtrl" class="w3-card-2 w3-margin" style="max-width:400px;">
<header class="w3-container w3-light-grey w3-padding-16">
<h3>My Shopping List</h3>
</header>
<ul class="w3-ul">
<li ng-repeat="x in products" class="w3-padding-16">{{x}}<span ng-click="removeItem($index)" style="cursor:pointer;" class="w3-right w3-margin-right">x</span></li>
</ul>
<div class="w3-container w3-light-grey w3-padding-16">
<div class="w3-row w3-margin-top">
<div class="w3-col s10">
<input placeholder="Add shopping items here" ng-model="addMe" class="w3-input w3-border w3-padding">
</div>
<div class="w3-col s2">
<button ng-click="addItem()" class="w3-btn w3-padding w3-green">Add</button>
</div>
</div>
<p class="w3-text-red">{{errortext}}</p>
</div>
</div>
</body>
</html>

```

OUTPUT:



4. i) Create an angular routing application that displays the default page as the order details page containing three orders as shown below.
- ii) When the “show details” is clicked for a particular order, the order details of particular order number must be displayed below.

#	Order No.	Details	
1	1234	15" Samsung Laptop	show details
2	5412	2TB Seagate Hard drive	show details
3	9874	D-link router	show details

ORDER #9874

HERE ARE THE DETAILS FOR ORDER #9874.

CODE:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Order summary</title>
  <style>
table {
  border-collapse: collapse;
  width: 100%;
}
th,td{
  text-align: left;
  padding: 10px;
}
tr:nth-child(even) { background-color: #f2f2f2;
}
div{
  border-style: solid;
  border-color: greenyellow;
  background-color: #f2f2f2;
}
a{
  color: skyblue;
}
</style>
<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.min.js"></script>
<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular-route.js"></script>
</head>
<body ng-app="myApp">

<h1>Hardware Order Summary</h1>
```

```

<table>
<tr>
<th>#</th>
<th>Order No.</th>
<th>Details</th>
</tr>
<tr>
<td>1</td>
<td>1234</td>
<td>15" Samsung Laptop</td>
<td><a href="#!red">Show details</a></td>
</tr>
<tr>
<td>2</td>
<td>1236</td>
<td>2TB Seagate Hard drive</td>
<td><a href="#!red1">Show details</a></td>
</tr>
<tr>
<td>3</td>
<td>9874</td>
<td>D-link router</td>
<td><a href="#!red2">Show details</a></td>
</tr>
</table>
<div ng-view></div>
<script>
var app = angular.module("myApp", ["ngRoute"]);
app.config(function($routeProvider) {
    $routeProvider
        .when("/red", {
            template : "<center><div><p>ORDER NO # 1234<br>HERE ARE THE DETAILS FOR
ORDER # 1234</p></div></center>"
        })
        .when("/red1", {
            template : "<center><div><p>ORDER NO # 1236<br>HERE ARE THE DETAILS FOR
ORDER # 1236</p></div></center>"
        })
        .when("/red2", {
            template : "<center><div><p>ORDER NO # 9874<br>HERE ARE THE DETAILS FOR
ORDER # 9874</p></div></center>"
        });
});
</script>
</body>
</html>

```

OUTPUT:

Order summary

File | C:/Users/Hp/Desktop/17BIT0157_WEBTECH_LAB/14.html#/red2

Hardware Order Summary

#	Order No.	Details	
1	1234	15" Samsung Laptop	Show details
2	1236	2TB Seagate Hard drive	Show details
3	9874	D-link router	Show details

ORDER NO # 9874
HERE ARE THE DETAILS FOR ORDER # 9874

