

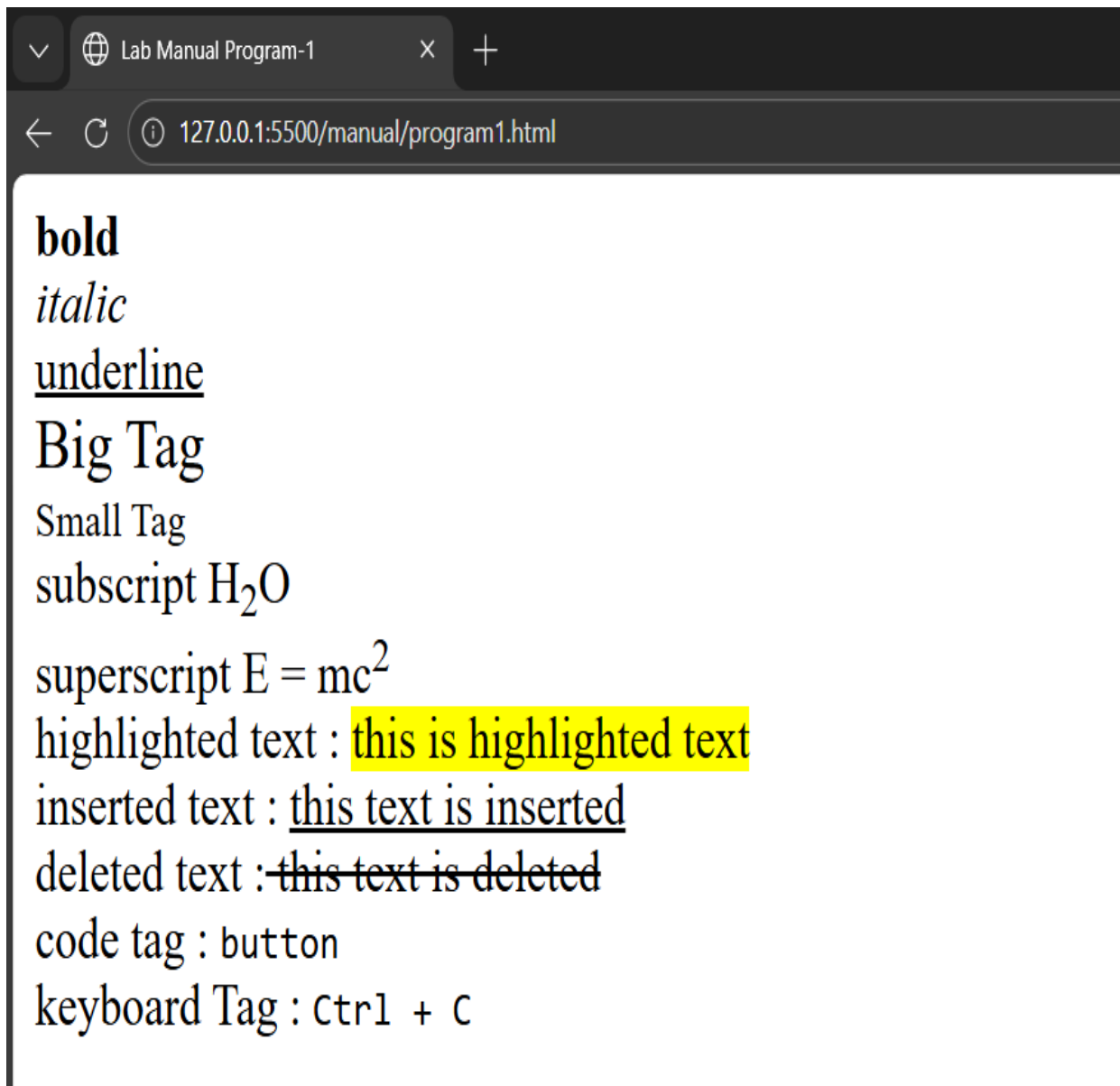
Program 1:

Demonstrate all the text formatting tags in a single HTML page.

Source code:

```
<!doctype html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Lab Manual Program-1</title>
  </head>
  <body>
    <div>
      <strong>bold</strong> <br />
      <i>italic</i> <br />
      <u>underline</u><br />
      <big>Big Tag</big><br />
      <small>Small Tag</small>
    </div> <div>
      subscript H<sub>2</sub>O <br />
      superscript E = mc<sup>2</sup>
    </div>
    <div>highlighted text : <mark> this is highlighted text </mark></div>
    <div> inserted text : <ins> this text is inserted </ins> <br />
      deleted text :<del> this text is deleted </del>
    </div> <div>
      code tag : <code>button</code><br />
      keyboard Tag : <kbd> Ctrl + C </kbd>
    </div>
  </body>
</html>
```

Output:



Program 2:

Write a HTML code to draw the following Figure :

```
      *
    * * *
  * * * *
* * * * *
```

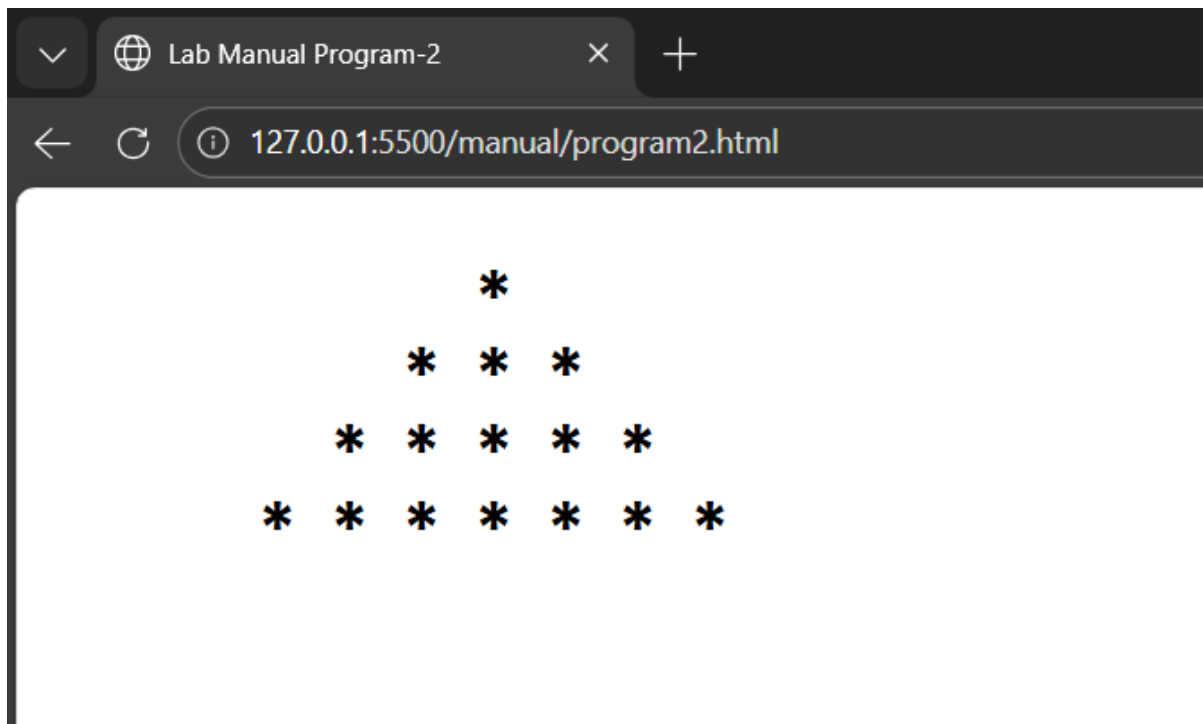
Source code :

```
<!doctype html>
<html lang="en">

<head>
  <title>Lab Manual Program-2</title>
</head>

<body>
  <h2>
    <pre>
      *
    * * *
  * * * *
* * * * *
    </pre>
  </h2>
</body>
</html>
```

Output:



Program 3:

Create a web page to print the following table:

List of Course-wise Subjects

Sr. No.	Course	Subject	Marks		Category		Practical/ Theory
			Internal	External	Internal	External	
1	MBA	Management Accounting	30	70	-	✓	Theory
		Information Technology	30	70	-	✓	T and P
		Basics of Marketing	30	70	-	✓	Theory
		E-Commerce	50	-	✓	-	Theory
2	MCM	Visual Basic	30	70	-	✓	T and P
		Internet Technology	30	70	-	✓	T and P
		Network Technology	30	70	-	✓	Theory
		VB.Net	30	70	-	✓	T and P
		Linux	30	70	-	✓	T and P
		ISA	50	-	✓	-	Theory

Source code :

```
<!DOCTYPE html>

<html>

<head>

    <title>Lab Manual Program-3</title>

</head>

<body> <h2 align="center">List of Course-wise Subjects</h2>

    <table border="1" cellspacing="0" cellpadding="8" align="center">

        <tr>

            <td rowspan="2">Sr. No.</td>

            <td rowspan="2">Course</td>

            <td rowspan="2">Subject</td>

            <td colspan="2">Marks</td>

            <td colspan="2">Category</td>

            <td rowspan="2">Practical / Theory</td>

        </tr>

        <tr>

            <td>Internal</td>

            <td>External</td>
```

<td>Internal</td>
<td>External</td>
</tr>
<tr>
<td rowspan="4">1</td>
<td rowspan="4">MBA</td>
<td>Management Accounting</td>
<td>30</td>
<td>70</td>
<td>-</td>
<td>✓</td>
<td>Theory</td>
</tr>
<tr>
<td>Information Technology</td>
<td>30</td>
<td>70</td>
<td>-</td>
<td>✓</td>
<td>T and P</td>
</tr>
<tr>
<td>Basics of Marketing</td>
<td>30</td>
<td>70</td>
<td>-</td>
<td>✓</td>
<td>Theory</td>
</tr>
<tr>

E-Commerce	50	-	✓	-	Theory
------------	----	---	---	---	--------

2	MCM	Visual Basic	30	70	-	✓	T and P
Internet Technology	30	70	-	✓	T and P		
Network Technology	30	70	-				

<td>✓</td>
<td>Theory</td>

<td>VB.Net</td>
<td>30</td>
<td>70</td>
<td>-</td>
<td>✓</td>
<td>T and P</td>

<td>Linux</td>
<td>30</td>
<td>70</td>
<td>-</td>
<td>✓</td>
<td>T and P</td>

<td>ISA</td>
<td>50</td>
<td>-</td>
<td>✓</td>
<td>-</td>
<td>Theory</td>

Output:



List of Course-wise Subjects

Sr. No.	Course	Subject	Marks		Category		Practical / Theory
			Internal	External	Internal	External	
1	MBA	Management Accounting	30	70	-	✓	Theory
		Information Technology	30	70	-	✓	T and P
		Basics of Marketing	30	70	-	✓	Theory
		E-Commerce	50	-	✓	-	Theory
2	MCM	Visual Basic	30	70	-	✓	T and P
		Internet Technology	30	70	-	✓	T and P
		Network Technology	30	70	-	✓	Theory
		VB.Net	30	70	-	✓	T and P
		Linux	30	70	-	✓	T and P
		ISA	50	-	✓	-	Theory

Program 4

Using table related tags align the images with hyperlinks.



Table With Mobile Connections



Source code :

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
  <title>Lab Manual Program-4</title>
```

```
</head>
```

```
<body>
```

```
  <h2 align="center">Table With Images</h2>
```

```
  <table border="1" cellpadding="15" cellspacing="0" align="center">
```

```
    <tr>
```

```
      <td align="center">
```

```
        <a href="https://www.myvi.in/" target="_blank">
```

```
          
```

```
        </a>
```

```

</td>
<td align="center">
  <a href="https://www.axis.com" target="_blank">
    
  </a>
</td>
<td align="center">
  <a href="https://www.tata.com/business/tata-teleservices" target="_blank">
    
  </a>
</td>
<td align="center">
  <a href="https://www.airtel.in/" target="_blank">
    
  </a>
</td>
</tr>
<tr>
<td align="center">
  <a href="https://www.docomo.ne.jp/english/" target="_blank">
    
  </a>
</td>
<td align="center" colspan="2">
  <b>Table With Images</b>
</td>
<td align="center">
  <a href="https://www.aircel.com/" target="_blank">
    
  </a>

```

```

        </td>
    </tr>
    <tr>
        <td align="center">
            <a href="https://www.telenor.com/" target="_blank">
                
            </a>
        </td>
        <td align="center">
            <a href="https://www.mtc.com.na/" target="_blank">
                
            </a>
        </td>
        <td align="center">
            <a href="http://hutch.lk/" target="_blank">
                
            </a>
        </td>
        <td align="center">
            <a href="https://www.docomo.ne.jp/english/" target="_blank">
                
            </a>
        </td>
    </tr>
</table>
</body>
</html>

```

Output:

```
html
```

Table With Images

			
	Table With Images		
			

Program 5

Create a web page with the following using HTML:

- I. To embed an image map in a web page
- II. To fix the hot spots
- III. Show all the related information when the hot spots are clicked.

Source code :

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <title>Lab Manual Program-5 </title>

</head>

<body>

    <h2>Image Map Using HTML</h2>

    <map name="imagemap">

        <area shape="rect" coords="0,0,400,75"

            href="https://www.google.com" alt="Google">


        <area shape="rect" coords="0,75,400,150"

            href="https://www.youtube.com" alt="YouTube">


        <area shape="rect" coords="0,150,400,225"

            href="https://www.instagram.com" alt="Instagram">


        <area shape="rect" coords="0,225,400,300"

            href="https://www.facebook.com" alt="Facebook">

    </map>

</body>

</html>
```

Output:

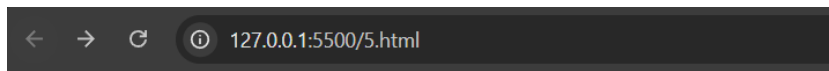
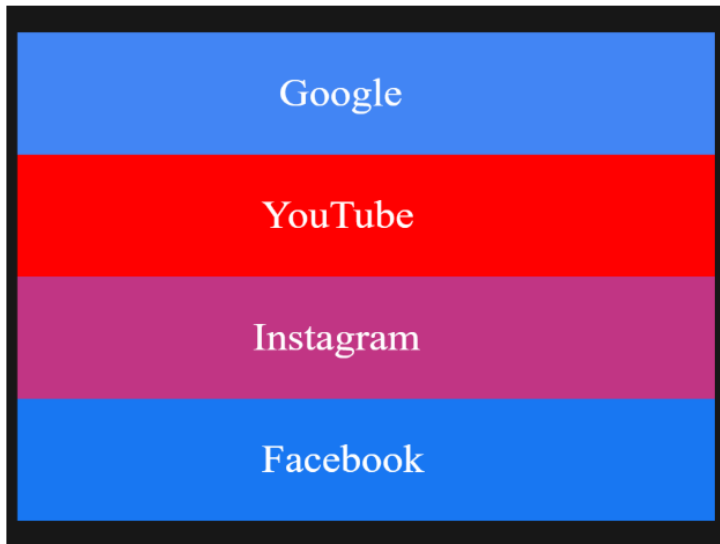


Image Map Using HTML



Program 6

Write a HTML code for the following snapshot.

Basic information

Full name:

Birth date:

Gender: ☐ Male ☐ Female

Address:

Phone number:

Extra information

Interests: ☐ Books ☐ Movies ☐ Videogames

Favorite color:

Source code :

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <title>Form Example</title>

</head>

<body bgcolor="#dbe7f6">

<form>

    <fieldset>

        <legend>Basic information</legend>

        Full name:

        <input type="text" name="fullname"><br><br>

        Birth date:

        <input type="date" name="birthdate"><br><br>

        Gender:

        <input type="radio" name="gender"> Male

        <input type="radio" name="gender"> Female

        <br><br>
```


Address:

<input type="text" name="address">

Phone number:

<input type="tel" name="phone">

</fieldset>

<fieldset>

<legend>Extra information</legend>

Interests:

<input type="checkbox"> Books

<input type="checkbox"> Movies

<input type="checkbox"> Videogames

Favorite color:

<input type="color">

</fieldset>

<input type="submit" value="Send data">

<input type="reset" value="Reset form">

</form>

</body>

</html>

</html>

Output:

Lab Manual Program-6

127.0.0.1:5500/manual/program6.html

Basic information

Full name:

Birth date:

Gender: ☐ Male ☐ Female

Address:

Phone number:

Extra information

Interests: ☐ Books ☐ Movies ☐ Videogames

Favorite color:

Program 7

Create a web page of customer profile for data entry of customer's in a Hotel, The profile should include Name, Address, Age, gender, Room Type (A/C, Non-A/C or Deluxe), Type of payment (Cash, Credit/Debit Card or Coupons).

Source code :

```
<!DOCTYPE html>

<html>

<head>
    <title>Lab Manual Program-7</title>
</head>

<body style="background-color:lightblue;">
    <form>
        <fieldset>
            <legend>Basic Information</legend>
            Full Name:
            <input type="text" name="name"><br><br>
            Age:
            <input type="number" name="age"><br><br>
            Gender:
            <input type="radio" name="gender" value="Male"> Male
            <input type="radio" name="gender" value="Female"> Female<br><br>
            Address:
            <input type="text" name="address"><br><br>
        </fieldset>
        <br>
        <fieldset>
            <legend>Room & Payment Information</legend>
            Room Type:<br>
```

```
<input type="radio" name="room" value="AC"> A/C
<input type="radio" name="room" value="Non-AC"> Non-A/C
<input type="radio" name="room" value="Deluxe"> Deluxe<br><br>
Type of Payment:<br>
<input type="radio" name="payment" value="Cash"> Cash
<input type="radio" name="payment" value="Card"> Credit/Debit Card
<input type="radio" name="payment" value="Coupons"> Coupons<br><br>
</fieldset>
<br>
<input type="submit" value="Send Data">
<input type="reset" value="Reset Form">
</form>
</body>
</html>
```

Output:

Lab Manual Program-7

127.0.0.1:5500/manual/program7.html

Basic Information

Full Name: Himanshu raturi

Age: 21

Gender: ☒ Male ☐ Female

Address:

Room & Payment Information

Room Type:

☒ A/C ☐ Non-A/C ☐ Deluxe

Type of Payment:

☐ Cash ☒ Credit/Debit Card ☐ Coupons

Send Data Reset Form

Program 8

Demonstrate the use of following HTML5 Tags:

I. <Video>

II. <Audio>

III. <Header>

IV. <Footer>

V. <Nav>

VI. <Embed>

VII. <Datalist>

VIII. <Bdi>

IX. <Article>

X. <Output>

Source code :

```
<!doctype html>
<html lang="en">
<head>
  <title>Lab Manual Program-8</title>
</head>
<body>
  <header>
    <h1>This is Header.</h1>
  </header>
  <nav>
    <a href="#" target="_blank">Home</a>
    <a href="#" target="_blank">Projects</a>
    <a href="#" target="_blank">Academic</a>
    <a href="#" target="_blank">About Me</a>
  </nav>
  <h3>Video element</h3>
```

```

<video controls autoplay loop muted width="250"
  src="/video/Detailed_Google_Cloud_Computing_Foundations_Summary[1].mp4"
alt="Video here"></video>

<h3>Audio element</h3>

<audio controls autoplay loop muted src="/audio/1.mpeg"></audio>

<h3>Embed Element</h3>

<embed type="image/jpg" src="/image/axis.png" width="250" height="150"></embed>

<h3>Datalist Element</h3>

<form>
  <label for="browser">Choose your browser from the list:</label>
  <input list="browser" name="browser" id="datalist-tag">
  <datalist id="browser">
    <option value="Edge">
    <option value="Firefox">
    <option value="Google Chrome">
    <option value="Opera">
    <option value="Safari">
  </datalist>
  <input type="submit">
</form>

<h3>The bdi Element</h3>

<p>In the example below, usernames are shown along with the number of points in a
contest. If the bdi element is not
  supported in the browser, the username of the Arabic user would confuse the text (the
bidirectional algorithm
  would put the colon and the number "90" next to the word "User" rather than next to the
word "points").</p>

<ul>
  <li>User <bdi>hrefs</dbi>:60 points</li>
  <li>User <bdi>jdoe</dbi>:80 points</li>
  <li>User <bdi>إيان</dbi>:90 points</li>
</ul>

```

```

<h3>Article element</h3>

<article>

  <h4>Google Chrome</h4>

  <p>Google Chrome is a web browser developed by Google, released in 2008. Chrome is
the world's most popular web
    browser today!</p>
</article>

<article>

  <h4>Mozilla Firefox</h4>

  <p>Mozilla Firefox is an open-source web browser developed by Mozilla. Firefox has
been the second most popular
    web browser since January, 2018.</p>
</article>

<h3>Output Element</h3>

<form oninput="x.value=parseInt(a.value)+parseInt(b.value)">
  <input type="range" id="a" value="50">
  +<input type="number" id="b" value="25">
  =<output name="x" for="a b"></output>
</form>

<footer>

  &copy; All Right Reserved.

</footer>

</body>

</html>

```


Output:

Lab Manual Program-8

127.0.0.1:5500/manual/program8.html

This is Header.

[Home](#) [Projects](#) [Academic](#) [About Me](#)

Video element

Detailed Overview: Google Cloud Computing Foundations

SUBMITTED BY: HIMANSHU RATURI | SECTION: A2 |
ROLL NO.: 82 | UNIVERSITY ROLL NO.: 2318678

Audio element

0:06 / 0:24

Embed Element

Datalist Element

Choose your browser from the list:

Submit

Edge

Firefox

Google Chrome

Opera

Safari

The bdi Element

In the example below, usernames are shown with a colon and the number "90" next to them. If the bdi element is not supported in the browser, the username of the Arabic user would confuse the text (the bidirectional algorithm would not be applied to the numbers).

- User hrefs:60 points
- User jdoe:80 points
- User points 90:البن

Article element

Google Chrome

Google Chrome is a web browser developed by Google, released in 2008. Chrome is the world's most popular web browser today!

Mozilla Firefox

Mozilla Firefox is an open-source web browser developed by Mozilla. Firefox has been the second most popular web browser since January, 2018.

Output Element

+25

=

© All Right Reserved.

Program 9

Design an HTML page to create the following list.

1. **Programming Languages**
 - **Python**
 - Frameworks
 1. Django
 2. Flask
 - Libraries
 - NumPy
 - Pandas
 - Matplotlib
 - **Java**
 - Core Concepts
 - OOP
 - Multithreading
 - Exception Handling
 - Frameworks
 1. Spring
 2. Hibernate
2. **Web Development**
 1. **Frontend**
 - HTML
 - CSS
 - JavaScript
 - React
 - Vue.js
 - Angular
 2. **Backend**
 - Node.js
 - PHP
 - Ruby on Rails

Source code :

```
<!doctype html>

<html lang="en">

<head>

    <title>Lab Manual Program-9</title>

</head>

<body>

    <ol>

        <li><b>Programming Language</b></li>

        <ul>

            <li><b>Python</b></li>

            <ul>

                <li>Frameworks</li>

                <ol>

                    <li>Django</li>

                    <li>Flask</li>

                </ol>

                <li>Libraries</li>
```

```
<ul>
  <li>NumPy</li>
  <li>Pandas</li>
  <li>Matplotlib</li>
</ul>
</ul>
<li><b>Java</b></li>
<ul>
  <li>Core concepts</li>
  <ul>
    <li>OOP</li>
    <li>Multithreading</li>
    <li>Exception Handling</li>
  </ul>
  <li>Frameworks</li>
  <ol>
    <li>Spring</li>
    <li>Hibernate</li>
  </ol>
</ul>
</ul>
<li><b>Web Development</b></li>
<ol>
  <li><b>Frontend</b></li>
  <ul>
    <li>HTML</li>
    <li>CSS</li>
    <li>JavaScript</li>
    <ul>
      <li>React</li>
```

```
<li>Vue.js</li>
<li>Angular</li>
</ul>
</ul>
<li><b>Backend</b></li>
<ul>
  <li>Node.js</li>
  <li>PHP</li>
  <li>Ruby on Rails</li>
</ul>
</ol>
</ol>
</body>
</html>
```

Output:

