23BCP161

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LAB1: Basic HTML tags

CODE:

```html
//index.html

<!DOCTYPE html>
<html>
    <head>
        <title>
            My first web
        </title>
    </head>

    <body style="font-size:20px">
        <p>This is paragraph. Lorem ipsum dolor sit amet consectetur
adipisicing elit. Ullam ut repellendus autem illum laborum alias fuga
maiores reiciendis iste! Temporibus illo suscipit iste neque
consectetur obcaecati odit veniam omnis quo.</p>
        <b>This is bold.</b>
        <strong>This is strong.</strong><br>
        <i>This is italic.</i><br>
        <em>This is em tag.</em><br>
        <u>This is underlined text.</u><br>
        <p>You can write superscript rext using <sup>sup</sup> tag. ex:
x<sup>2</sup></p>
        <p>You can write subscript using <sub>sub</sub> tag. ex:
H<sub>2</sub>O</p>
        <ins>This is ins tag.</ins><br>
        <del>This is deleted line.</del>
        <p>You can highlight with <mark>mark</mark> tag.</p>
        <tt> This is tt text.</tt>
        <br>
        <p>Hyper text link = <a href="https://www.google.com/">Go to
google.</a></p>
        <img alt="Image not loaded."
src="https://userpic.codeforces.org/3699652/title/80a782eb2e9af7c9.jpg"
>

    </body>
</html>
```

OUTPUT:

This is paragraph. Lorem ipsum dolor sit amet consectetur adipisicing elit. Ullam ut repellendus autem illum laborum alias fuga maiores reiciendis iste! Temporibus illo suscipit iste neque consectetur obcaecati odit veniam omnis quo.

This is bold. This is strong.

This is italic.

This is em tag.

<u>This is underlined text.</u>

You can write superscript rext using ^{sup} tag. ex: x^2

You can write subscript using $_{sub}$ tag. ex: H_2O

<u>This is ins tag.</u>

~~This is deleted line.~~

You can highlight with <mark>mark</mark> tag.

`This is tt text.`

Hyper text link = [Go to google.](#)

LAB2

CODE:

```
//index.html

<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width,
initial-scale=1.0" />
    <title>Page with css</title>
    <link rel="stylesheet" href="style.css" />
  </head>
  <body>
    <div>
      <table class="table">
        <tr>
          <th class="heading">Name</th>
          <th class="heading">Rollno</th>
        </tr>
        <tr>
          <td>Ayush</td>
          <td>161</td>
        </tr>
        <tr>
          <td>Sam</td>
          <td>163</td>
        </tr>
        <tr>
          <td>Parv</td>
          <td>162</td>
        </tr>
        <tr>
          <td>Ayush</td>
          <td>151</td>
        </tr>
      </table>
    </div>
    <hr />
    <div>
```

```html
      <table class="tableWithImage">
        <tr>
          <th class="heading">Name</th>
          <th class="heading">Rollno</th>
        </tr>
        <tr>
          <td>Ayush</td>
          <td>161</td>
        </tr>
        <tr>
          <td>Sam</td>
          <td>163</td>
        </tr>
        <tr>
          <td>Parv</td>
          <td>162</td>
        </tr>
        <tr>
          <td>Ayush</td>
          <td>151</td>
        </tr>
      </table>
  </div>
  <hr />
  <div>
    <table class="tableWithImageRepeat">
        <tr>
          <th class="heading">Name</th>
          <th class="heading">Rollno</th>
        </tr>
        <tr>
          <td>Ayush</td>
          <td>161</td>
        </tr>
        <tr>
          <td>Sam</td>
          <td>163</td>
        </tr>
        <tr>
          <td>Parv</td>
          <td>162</td>
        </tr>
        <tr>
```

```html
        <td>Ayush</td>
        <td>151</td>
      </tr>
    </table>
  </div>


  <hr />
  <div>
    <p class="textIndent">
      Lorem ipsum dolor sit amet consectetur adipisicing elit.
Labore, officia
      corrupti autem a ut rem debitis ducimus, adipisci corporis
doloribus
      voluptas dicta reprehenderit quod? In aspernatur nobis vero
alias et.
    </p>
  </div>


 </body>

</html>
```

```css
//style.css

.heading {
    background-color: rgb(0, 195, 255);
    padding: 15px;
    border-collapse: collapse;
}

.table, .table td, .table th{
    border: 1px solid black;
    border-collapse: collapse;
}

.tableWithImage {
    font-weight: bold;
    color: rgb(255, 255, 255);
    background-image:
url("https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcS8aAD0ogSHNo
wotHCrxDbMkthdB06k2qCaBzwy66NPjEllMPh43sSnJ1z7GSib-Zum9c8&usqp=CAU");
}
```

```
.tableWithImageRepeat {
    font-size: 2rem;
    font-weight: bold;
    color: rgb(255, 255, 255);
    background-image:
url("https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcS8aAD0ogSHNo
wotHCrxDbMkthdB06k2qCaBzwy66NPjEllMPh43sSnJ1z7GSib-Zum9c8&usqp=CAU");
    background-repeat: repeat-y;
    text-align: center;
}


.textIndent {
    font-size: 1.5rem;
    text-indent: 100px;
}
```

OUTPUT:

Name	Rollno
Ayush	161
Sam	163
Parv	162
Ayush	151

Name	Rollno
Ayush	161
Sam	163
Parv	162
Ayush	151

Name	Rollno
Ayush	161
Sam	163
Parv	162
Ayush	151

Lorem ipsum dolor sit amet consectetur adipisicing elit. Labore, officia corrupti autem a ut rem debitis ducimus, adipisci corporis doloribus voluptas dicta reprehenderit quod? In aspernatur nobis vero alias et.

LAB 3

CODE:

```html
//index.html

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Document</title>
</head>
<body>

    <button id="myButton" onclick=handleClick() style="width: 50%;
height: 100px; Background-Color:rgb(99, 99, 99);">
      Click me
    </button>


    <script src="./main.js">
    </script>
</body>
</html>
```

```javascript
// main.js

var x = 0;
console.log(x+1);

let y = 352345;
console.log(y);

const pi = 3.1427
console.log(pi)
console.log(pi)
for(let i = 0; i < 30; i++) {
    console.log(i);
```

```javascript
}

let c = 0
while(c < 10) {
    console.log(c);
    c++;
}
do {
    console.log(c)
} while (c < 10);

arr = [545,23452345,325,2345234,52345,32,4532,45,354]
for (const i in arr){
    console.log(i)
}

for(const i of arr) {
    console.log(i)
}

let count=0;
function handleClick(){
    console.log("you clicked!!");
    count++;
    window.alert(`You clicked ${count} times!!.`);
}
```

OUTPUT: