WEB DESIGNING

(Course Code: ITC-210)

Submitted By: **Submitted to:**

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Roll No:12212003

Branch: IT

INDEX

PRACTICAL-1

```html
<!DOCTYPE html>
<html>
    <head>
        <title>welcome to web application lab IIIT SONEPAT</title>
    </head>
    <body>
        <h2>welcome to the world of internet programming</h2>
        <hr>
        <h4> we have provided coverage for many internet related topics</h4>
    </body>
</html>
```

OUTPUT:

```html
<!DOCTYPE html>
<html>
<head>
    <title>web development lab practcal 2</title>
</head>
<body>
    <h1 style="text-align: center;"><b>character formatting</b></h1>
    <hr>
    <b> akali atchuth</b><br>
    <i>akali Atchuth</i><br>
    <mark>akali atchuth </mark><br>
    <del>akali atchuth</del><br>
    <u>akali atchuth</u><br>2<sup>3=8</sup><br>
    <b style="font-size:30px;">AKALI ATCHUTH </b><br>
    <q>build a future where people live in harmony with nature</q>
    <h3>the <abbr title="combine defence services">CDS</abbr></h3>
    <h1><b>my adress:</b></h1>
    <address A.atchuth rao<br>house no:2-62<br> vakapalli(vill)<br>
        andhra pradesh<br>

    pin code:531075

        </address>
</body>
```

\</html\>

out put:

character formatting

akali atchuth
akali Atchuth
<mark>akali atchuth</mark>
~~akali atchuth~~
<u>akali atchuth</u>
2³=8

AKALI ATCHUTH

"build a future where people live in harmony with nature"

the <u>CDS</u>

my adress:

house no:2-62
vakapalli(vill)
andhra pradesh
pin code:531075
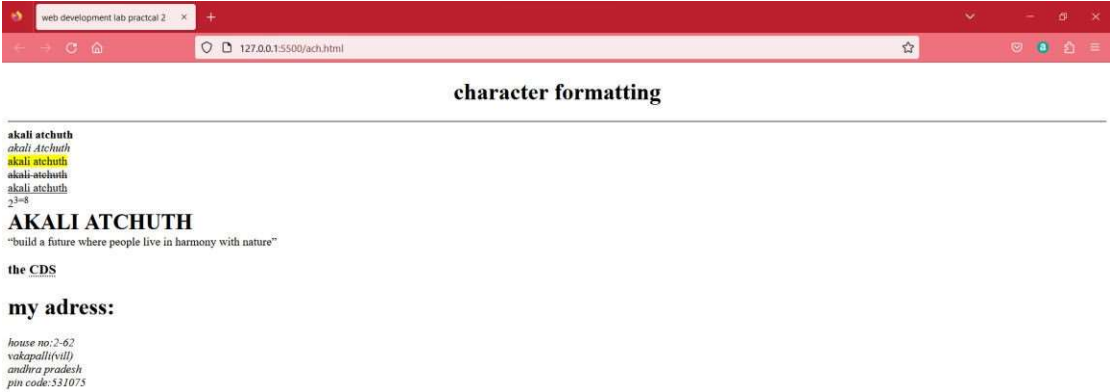
PRACTICAL –3

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <title>lists</title>
</head>
<body>
  the following  list is an unordered lists.<br>MY  2ND SEMESTER
  SUBJECTS
  <UL type="square">
    <LI>web designing</LI>
    <LI>engineering  mathematics</LI>
    <LI>digital electronics</LI>
    <LI>information security</LI>
    <LI>communication skills</LI>
    <LI>data structures</LI>
  </UL>
  the following is an odered list
  <OL>
    <LI>web designing</LI>
    <LI>engineering  mathematics</LI>
    <LI>digital electronics</LI>
    <LI>information security</LI>
    <LI>communication skills</LI>
```

```
        <LI>data structures</LI>
    </OL>
    the following list is an  ordered list with upper case roman letter sequence
    <ol type ="I">
        <LI>web designing</LI>
        <LI>engineering  mathematics</LI>
        <LI>digital electronics</LI>
        <LI>information security</LI>
        <LI>communication skills</LI>
        <LI>data structures</LI>
    </ol>
    following is an ordered list with lower case  roman letter sequence
<ol type ='i'>
    <LI>web designing</LI>
    <LI>engineering  mathematics</LI>
    <LI>digital electronics</LI>
    <LI>information security</LI>
    <LI>communication skills</LI>
    <LI>data structures</LI>
</ol>
the following list is an ordered list in upper case sequence
<ol type="A">
    <LI>web designing</LI>
    <LI>engineering  mathematics</LI>
```

```html
        <LI>digital electronics</LI>
        <LI>information security</LI>
        <LI>communication skills</LI>
        <LI>data structures</LI>
 </ol>
the following is description list
<dl>
    <dt>refractive index</dt>
    <dd>ratio of speed of light in vaccum to the speed of light in medium</dd>
 </dl>
</body>
</html>
```
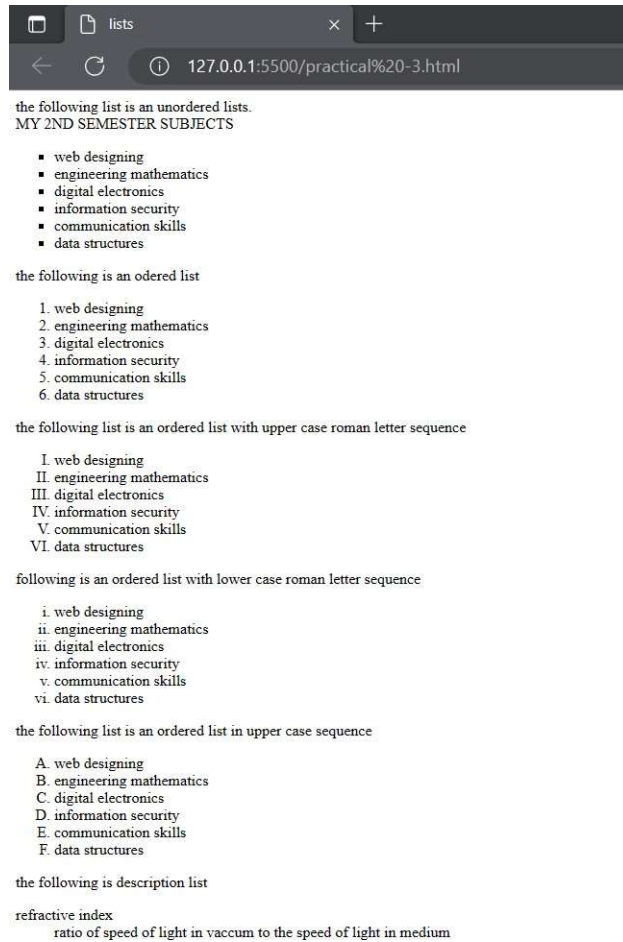
Output:

the following list is an unordered lists.
MY 2ND SEMESTER SUBJECTS

- web designing
- engineering mathematics
- digital electronics
- information security
- communication skills
- data structures

the following is an odered list

1. web designing
2. engineering mathematics
3. digital electronics
4. information security
5. communication skills
6. data structures

the following list is an ordered list with upper case roman letter sequence

I. web designing
II. engineering mathematics
III. digital electronics
IV. information security
V. communication skills
VI. data structures

following is an ordered list with lower case roman letter sequence

i. web designing
ii. engineering mathematics
iii. digital electronics
iv. information security
v. communication skills
vi. data structures

the following list is an ordered list in upper case sequence

A. web designing
B. engineering mathematics
C. digital electronics
D. information security
E. communication skills
F. data structures

the following is description list

refractive index
ratio of speed of light in vaccum to the speed of light in medium

PRACTICAL – 4

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <title>time table</title>
</head>
<h3 style="text-align: center;">IT SECOND SEM TIME TABLE</h3>
<body>
  <table align="center" border="2" cellspacing="0" cellpadding="5">
    <tr >
    align="center>
    <th>day</th>
      <th>9:00am-<br>10:00am</th>
      <th>10:00-11:00</th>
      <th>11:00-12:00am</th>
      <th>12:00-1:00pm</th>
      <td
      rowspan="7"><br>L<br><br>U<br><br>N<br><br>C<br><br>H
      </td>
      <th>1:45-2:45pm</th>
      <th>2:45-3:45pm</th>
      <th>3:45-4:45pm</th>
    </tr>
    <tr align="center">
      <tH>monday</tH>
      <TD>MATHS</TD>
      <TD>MATHS(T)G2<br>WD(T)G1</TD>
      <TD>DE</TD>
      <TD>WD</TD>
```

```html
    <TD>CS</TD>
    <TD>---</TD>
    <TD>--</TD>
</tr>
<TR align="center">
  <TH>TUESDAY</TH>
  <td>DE</td>
  <td>IS</TD>
  <TD>MATHS</TD>
  <TD>DS</TD>
  <TD>--</TD>
  <TD>CS</TD>
  <TD>---</TD>
</TR>
<TR align="center">
  <TH>WEDNESDAY</TH>
  <TD colspan="2">DS LAB,LAB_2</TD>
  <TD>IS</TD>
  <TD>WD</TD>
  <TD>CS</TD>
  <TD>DE</TD>
  <TD>DS</TD>
</TR>
<TR align="center">
  <TH>THURSDAY</TH>
<TD colspan="2"> DE LAB,LAB_2</TD>
<TD>DE</TD>
<TD>DS</TD>
<TD colspan="2">CSLAB,LAB-2</TD>
```

```html
    <TD>WD(T)G2</TD>
    </TR>
  <TR align="center">
    <TH>FRIDAY</TH>
    <TD>MATHS</TD>
    <Td>IS</Td>
<TD>MATHS(T)G1</TD>
<TD>DS</TD>
<TD>--</TD>
<TD>--</TD>
<TD>--</TD>
</TR>
<TR align="center">
<TH>SATURDAY</TH>
    <TD>MATHS</TD>
    <TD>IS</TD>
    <Td colspan="2">ISLAB,LAB-1</Td>
    <TD>WD</TD>
    <TD colspan="2">WD LAB,LAB-1</TD>
  </TR>
  </table>
</body>
</html>
```

OUT PUT:
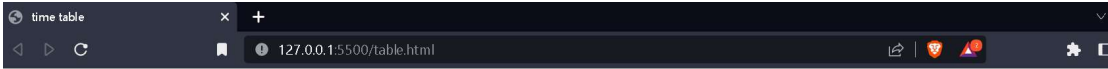
IT SECOND SEM TIME TABLE

day	9:00am-10:00am	10:00-11:00	11:00-12:00am	12:00-1:00pm	L	1:45-2:45pm	2:45-3:45pm	3:45-4:45pm
monday	MATHS	MATHS(T)G2 WD(T)G1	DE	WD	U	CS	---	--
TUESDAY	DE	IS	MATHS	DS	N	--	CS	---
WEDNESDAY	DS LAB,LAB_2		IS	WD	C	CS	DE	DS
THURSDAY	DE LAB,LAB_2		DE	DS		CSLAB,LAB-2		WD(T)G2
FRIDAY	MATHS	IS	MATHS(T)G1	DS	H	--	--	--
SATURDAY	MATHS	IS	ISLAB,LAB-1			WD	WD LAB,LAB-1	

The vertical text between the columns reads: L U N C H

PRACTICAL-5

```html
<!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>form</title>
</head>
<form align="center">
<body bgcolor="yellow" > name:<input type="text"><BR><Br>
  password: <input type="password"><br><br>e-mail:<input for="e-mail"><br><br>
  gender:<input type="radio">male <input type="radio">female<BR><bR>
  D.O.B:<INPUT TYPE="DATE"><BR><br>
 AM I ELIGIBLE<INPUT TYPE="CHECKBOX"><br><BR>
  COLOR:<select>
    <option>RED</option>
    <option>green</option>
    <option>blue</option>
    <option>pink</option>
    <option>orange</option>
    <option>violet</option>
    <option>brown</option>
    <option>yellow</option>
    <option>grey</option>
    <option>white</option>
```

```
        </select><br><BR>
time:<inputtype="time"><br<BR>

        date:<input type="date"><br><BR>month:<select>
          <option>jan</option>
          <option>feb</option>
          <option>mar</option>
          <option>apr</option>
          <option>may</option>
          <option>june</option>
          <option>july</option>
          <option>august</option>
          <option>sep</option>
          <option>oct</option>
          <option>nov</option>
          <option>dec</option>
        </select><bR><bR>week:<select>
          <option>mon</option>
          <option>tue</option>
          <option>wed</option>
          <option>thurs</option>
          <option>fri</option>
          <option>sat</option>
          <option>sun</option>
        </select><br><br>
        text area:<textarea placeholder="free tex space"></textarea><BR><Br>upload ur
        file:<input type="file"><BR><Br>
```
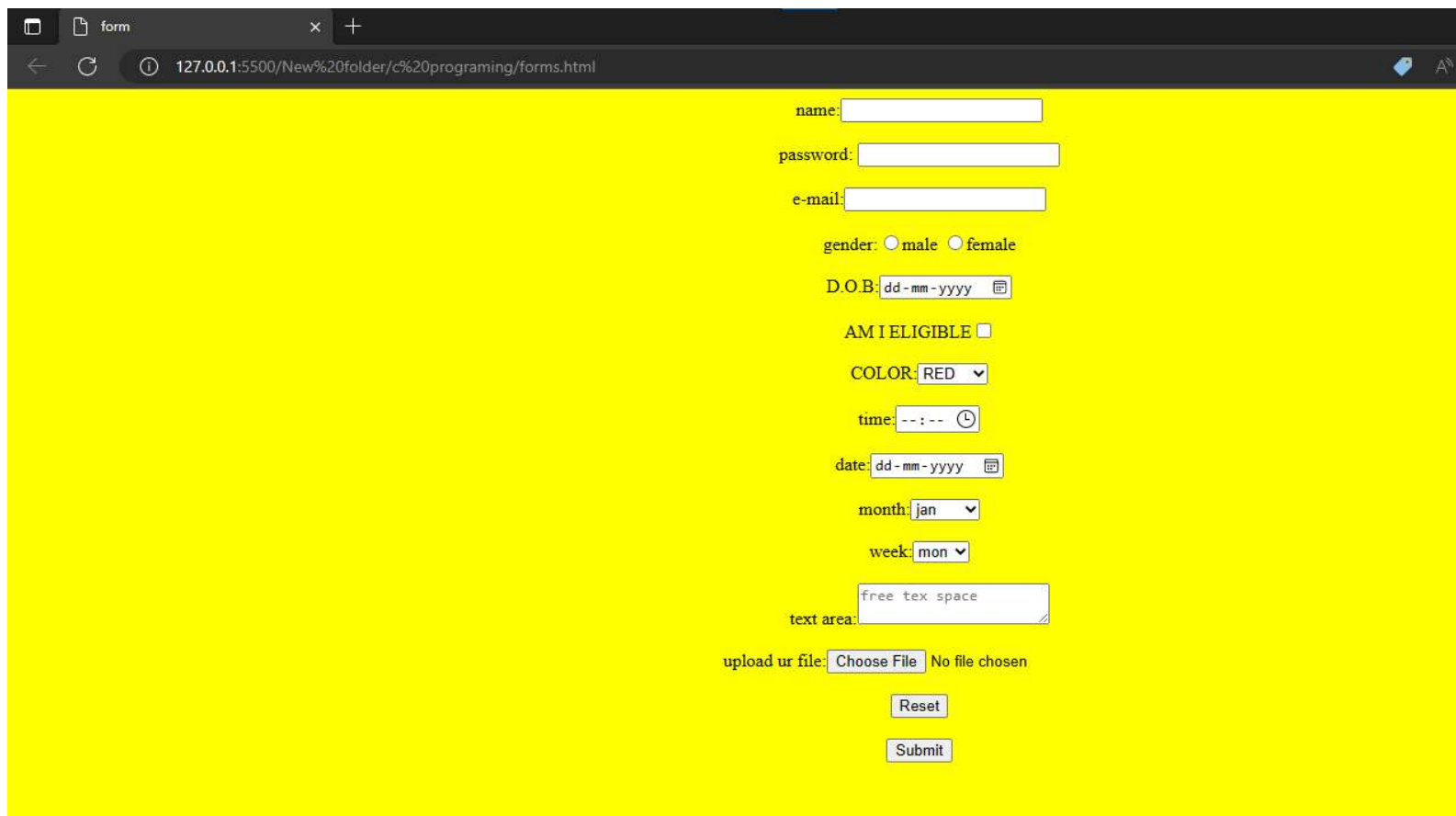
```
            <input type="reset"><BR><Br>

            <input type="submit"><BR><Br>
     </form>
</body>
</html>
```

Output:

PRACTICAL – 6

```html
<!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 style="background-image: url('istockphoto-844226534-612x612.jpg');
background-size: cover; height: 100vh;">
    <table align="center"  BORDER="1"cellpacing="1"cellpadding="30">
    <tr align="center">
<tH bgcolor="green">roll no</tH>
<tH bgcolor="red">name</tH>
<th bgcolor="yellow">branch</th>
</tr>
<td bgcolor="pink">12212003</td>
<td bgcolor="orange">atchuth</td>
<td bgcolor="blue">IT</td>
<TR>
    <TD  bgcolor="green">12212015</TD>
    <TD bgcolor="red">LOHITH</TD>
    <TD  bgcolor="yellow">IT</TD>
</TR>
```

```html
<TR>
    <TD  bgcolor="blue">UDAY</TD>
    <TD bgcolor="orange">12212037</TD>
    <TD  bgcolor="pink">IT</TD>
</TR>
 </table>
</body>
</html>
```

OUTPUT:

roll no	name	branch
12212003	atchuth	IT
12212015	LOHITH	IT
UDAY	12212037	IT

Practical-7

```html
<!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>
  <article>
    <h1>My Article</h1>
    <p>This is my article.</p>
  </article>
  <audio controls autoplay>
    <source src="iPhone-Song-(Ramabanam)(PagalWorldl).mp3"
    type="audio/mpeg"/>
  </audio>
  <br>
  <style>
  .myDiv {
    border: 5px outset red; background-color: lightblue;text-align: center;
  }
  </style>
  </head>
  <body>

    <div class="myDiv">
      <h2>akali venkata atchutarao</h2>
```

```html
    <p>prev semester result:7.5000</p>

</div>

<img src="https://wallpaperaccess.com/full/1622640.jpg" width="200" height="150">

<br>

<a href="https://www.w3schools.com/tags/tag_img.asp" width="30">anchor tag</a>

<br>

<iframe src="https://www.javatpoint.com/java-tutorial" title="W3Schools Free OnlineWeb Tutorials"></iframe>

 <video controls>

 <source src="https://www.youtube.com/watch?v=dx3GICHn_dU.mp4"

 type="video/mp4">Your browser does not support the video tag.

 </video>

 </body>

</html>
```

OutPut:

My Article

This is my article.

akali venkata atchutarao

prev semester result:7.5000

anchor tag

PRACTICAL-8

```html
<!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>navigation tag</title>
  <style>ul{
    background-color: rgb(17, 128, 162);list-style-type: none;
    margin:0;
    font-size: larger; overflow: hidden;padding: 0%;

    }
    {
        float:left;
    }
    li a{
      text-decoration: none;padding:20px; display: inline-block;
      color: crimson;
    }
    li a:hover
    {
      background-color: rgb(88, 136, 40);
    }
    </style>
</head>
```

```html
<body>

   <ul>

      <li><a href="link.html">home</a></li>
      <li><a href="link2.html">contact us</a></li>

      <li><a href="link3.html">gallery</a></li>

      <li><a href="link4.html">e mail</a></li>

</ul>

</body>

</html>
```

Output:

PRACTICAL-9

```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>
<style>ul{
    color: white;
    background-color: black;list-style-type:none; margin:();
    font-size: large;overflow: hidden;padding: 0%;
}
li{
    float: left;}
    li a{
        text-decoration:none;padding: 20px; display:inline-block; color: crimson;
        }
        li a :hover
        {
            background-color:rgb(red, green, blue);
        }
        div{
            float: left;font: bold;
        }
        ul{
            align-self: auto;
```

```html
        }
        ach{
            width: 50px;}
</style>
<body>

    <ul>
        <li><a href="link.html">home</a></li>
        <li><a href="link.html">gallery</a></li>
        <li><a href="link.html">faculty</a></li>
        <li><a href="link.html">life at IIITS</a></li>
        <li><a href="link.html">PLACEMENTS</a></li>
        <li><a href="link.html">CONTACT</a></li>
    <li><a href="link.html">JOBS</a></li>
    <li><a href="link.html">TENDERS</a></li>
    <li><a href="link.html">DIRECTORSMESSAGE</a></li>
        </ul>
<iframe SRC="https://www.iiits.ac.in/" width="575px"height="600px">ABOUT
THE iiitsonepat</iframe>
<iframe src="https://www.iitkgp.ac.in/" width="575px"height="600px"></iframe>
<footer style="background-color:#74b102a8;height:100px ;">
    <div>
        ACADEMICS<br>
        academic programs<br>syllabus<br> forms<br>
    </div>
    <div class="ach">
    </div>
    <div> ADMISSION<br>
```

overview
 notifications
helpline

     </div>

     <div style="width:10px;"></div>

<div>

     LIFE@ IIITS

     Events
facilities&services
hostels
</div>

<div>

     <img src="Screenshot 2023-06-16 1611003.png"width="200px">

</div>

</footer>

</body>

</html>

Output:

PRACTICAL-10

```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>
    <style>div {
width: 800px;
border: 30px solid #07010b;padding: 100px;
margin: 3px; height: 500px;
background-color: rgba(177, 147, 110, 0.838);font-size: xx-large;
font-family: 'Times New Roman', Times, serif;float: left;
}
.ab{
    color: crimson;font-style: calc();
font-family: 'Times New Roman', Times, serif;
}
.gh{
    text-align: right;
}
.lo{
    margin-left: 200px;
}
.hi{
    color: red;
```
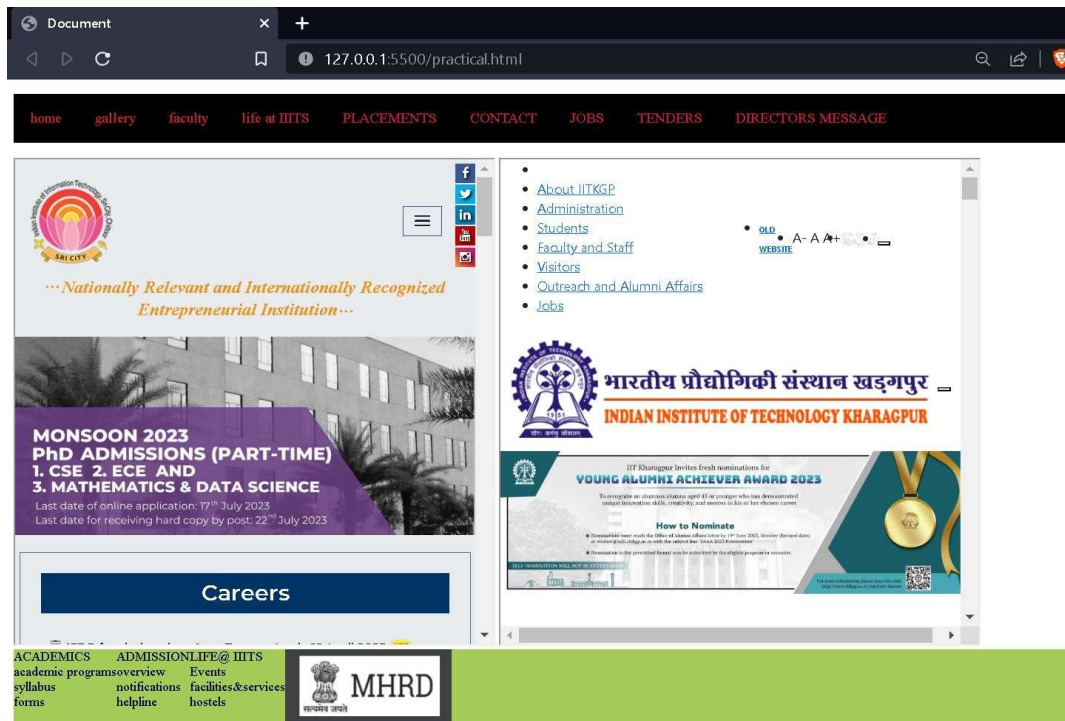
```
}
    </style>
</head>
<body>
<div>
    <p class="ab"> DEAR dad </p>
    <p>Growing up, you told me that I could do anything I put my mind to. During my
moments of self-doubt, you helped me see that my qualities were not weaknesses, but
strengths.You told me I was special, worthy and taught me to always put my best foot
forward.

    You always expressed your pride and acceptance of me — things a kid sometimes
needs to hear when they grow up facing so much pressure from peers or societal
expectations — and I amso thankful for those words. But what's more important is
    </p>
 <p class="gh">yours lovingly<br>Atchuth</p>
    </div>
    <div class="lo">
     <p class="hi"> Dads reply</p> <br>"Your wishes have touched my heart and moved
my soul…. A big thanks to you for sending me these beautiful wishes on Father's Day."

"You have truly made my day with your wonderful Father's Day wishes…. Thank you so
much for making me feel so special."


"You are not only the blessed one to have me but I am also a very blessed one to have
youas my child…. A big thank you for your warm wishes."
    </div>
</body>
</html>
```

OUT PUT:

DEAR dad

Growing up, you told me that I could do anything I put my mind to. During my moments of self-doubt, you helped me see that my qualities were not weaknesses, but strengths. You told me I was special, worthy and taught me to always put my best foot forward. You always expressed your pride and acceptance of me — things a kid sometimes needs to hear when they grow up facing so much pressure from peers or societal expectations — and I am so thankful for those words. But what's more important is

yours lovingly
Atchuth

Dads reply

"Your wishes have touched my heart and moved my soul…. A big thanks to you for sending me these beautiful wishes on Father's Day." "You have truly made my day with your wonderful Father's D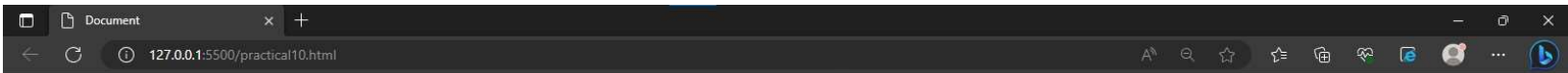ay wishes…. Thank you so much for making me feel so special." "You are not only the blessed one to have me but I am also a very blessed one to have you as my child…. A big thank you for your warm wishes."

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

 input {
 accent-color: auto;display: block; width: 30px; height: 30px;
 }
 input.custom {
 accent-color: rebeccapurple;
 }
 .box {
 background-color: rgb(255 255 255 / 0.3);backdrop-filter: blur(10px);
 }
 body {
 background-image: url("https://www.istockphoto.com/photo/crystal-globe-putting-on-mossgm1410391090-460606186");
 }
 .showbf div {
 backface-visibility: visible;
 }
 .hidebf div {
 backface-visibility: hidden;
 }
 .container { width: 150px;height: 150px;
```

```css
  margin: 75px 0 0 75px;border: none;
}
.cube {
width: 100%;
height: 100%; perspective: 550px;
perspective-origin: 150% 150%;transform-style: preserve-3d;
}
.face {
display: block; position: absolute;width: 100px; height: 100px; border: none;
line-height: 100px; font-family: sans-serif;font-size: 60px;
color: white;
text-align: center;
}
.front {
background: rgba(0, 0, 0,0.3);transform: translateZ(50px);

}
.back {
background: rgba(0, 255, 0, 1);color: black;
transform: rotateY(180deg) translateZ(50px);
}
.right {
background: rgba(196, 0, 0, 0.7);
transform: rotateY(90deg) translateZ(50px);
}
.left {
background: rgba(0, 0, 196, 0.7);
transform: rotateY(-90deg) translateZ(50px);
}
```

```css
.bottom {
background: rgba(196, 0, 196, 0.7); transform: rotateX(-90deg) translateZ(50px);
}
th,
p,
td {
background-color: #eeeeee;margin: 0px;
padding: 6px;
font-family: sans-serif;text-align: left;
}
.ab{
column-count: 3;
column-rule-style: dashed;
}
.cd{
column-count: 3; column-rule-style: solid;column-rule-color: blue;
}
q {
color: blue;
}
q::before {
content: open-quote;
}
q::after {
content: close-quote;
}
h1::before  { content: "Chapter ";
}
```

```css
blockquote { direction: rtl; width: 300px;
}
img:nth-of-type(2) {
 filter: grayscale(0.4) blur(5px);
}
.ef { margin: 0;
 margin-block: 20px 40px;background-color: tan;
}
.verticalExample { writing-mode: vertical-rl;
}
.light { opacity: 0.2;
}
.medium { opacity: 0.5;
}
.heavy { opacity: 0.9;
}
ruby {
 ruby-position: over;
}
.under {
 text-decoration: underline red;
}
.over {
 text-decoration: wavy overline lime;
}
.line {
 text-decoration: line-through;
}.box { float: left;
```

```css
  margin: 1em;width: 7em;

  line-height: 7em;text-align: center;

  transition: 0.5s ease-in-out;
  border: 3px dotted;

}
#box1:hover

  {scale: 1.25;

}
#box2:hover { scale: 1.25 0.75;

}
p {

  text-decoration-line: underline;text-decoration-color: cyan;

}
s {

  text-decoration-line: line-through;text-decoration-color: red;

  text-decoration-style: wavy;

}
#mozdiv1 {

  word-spacing: 15px;

}
#mozdiv2 {

  word-spacing: 5em;

}
.small { zoom: 75%;

}
.normal { zoom: normal;

}
.big {
```

```css
 zoom: 2.5;

}

p:hover { zoom: unset;

}

dd {

 width: 90px;

 border: 1px solid black;hyphens: auto;

}

dd#string {

 -webkit-hyphenate-character: "=";hyphenate-character: "=";

}

.exampleText {

 writing-mode: sideways-rl;position: absolute;

 inset: 20px 40px 30px 10px;background-color: #c8c800;

}

img {

 width: 300px;height: 250px;

 border: 1px solid black; background-color: silver;margin-right: 1em; object-fit:

 none;

}

#object-position-1 { object-position: 10px;

}

#object-position-2 {

 object-position: 100% 10%;

}
 </style>
</head>

<body>
```

```html
<input type="checkbox" checked />
<input type="checkbox" class="custom" checked />

<p class="ab">
This is a bunch of text split into three columns. The `column-rule-style`property
is used to change the style of the line that is drawn between columns. Don't you
think that's wonderful?
</p>
<p class="cd">
This is a bunch of text split into three columns. The `column-rule-color`property
is used to change the color of the line that is drawn between columns. Don't you
think that's wonderful?
</p>
<h1>5</h1>
<p>
According to Sir Tim Berners-Lee,
<q cite="http://www.w3.org/People/Berners-Lee/FAQ.html#Internet">
I was lucky enough to invent the Web at the time when the Internet already
existed - and had for a decade and a half.
</q>
We must understand that there is nothing fundamentally wrong with building on
the contributions of others.
</p>
<h1>6</h1>
<p>
According to the Mozilla Manifesto,
<q cite="http://www.mozilla.org/en-US/about/manifesto/"> Individuals must
have the ability to shape the Internet and their ownexperiences on the Internet.
```

```
</q>
```

Therefore, we can infer that contributing to the open web can protect our own individual experiences on it.

```
</p>
<img src="download.jpeg" alt="Original image is sharp" />
<img src="download.jpeg" alt="The image and border are blurred and muted" />
<p class="ef">Example text</p>
<div class="verticalExample">
<p>Example text</p>
</div>
<div class="light">You can barely see this.</div>
<div class="medium">This is easier to see.</div>
<div class="heavy">This is very easy to see.</div>
<br>
<br>
<ruby>
<rb>超電磁砲</rb>
<rp>（</rp><rt>レールガン</rt><rp>）</rp>
</ruby>
<br>
<br>
<p class="under">This text has a line underneath it.</p>
<p class="over">This text has a line over it.</p>
<p class="line">This text has a line going through it.</p><div class="box" id="box1">single value</div>
<div class="box" id="box2">two values</div>
<p>
```

This paragraph has `<s>some erroneous text</s>` inside it that I want to call

```html
    attention to.
 </p>
 <div id="mozdiv1">Lorem ipsum dolor sit amet.</div>
 <br>
<div id="mozdiv2">Lorem ipsum dolor sit amet.</div>
<br>
<p class="small">Small</p>
<p class="normal">Normal</p>
<p class="big">Big</p>
<br>
<dl>
 <dt><code>hyphenate-character: "="</code></dt>
 <dd id="string" lang="en">Superc&shy;alifragilisticexpialidocious</dd>
 <dt><code>hyphenate-character is not set</code></dt>
 <dd lang="en">Superc&shy;alifragilisticexpialidocious</dd>
 </dl>
 <div>
 <span class="achuth">Example text</span>
 </div>
 <img id="object-position-1" src="download.jpeg" alt="MDN Logo" />
 <img id="object-position-2" src="download.jpeg" alt="MDN Logo" />
 </body>
 </html>
```

Output:

☑
☑

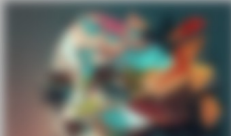| This is a bunch of text split into three columns. The `column-rule-style` property is used to change the style	of the line that is drawn between columns. Don't you think that's wonderful?
This is a bunch of text split into three columns. The `column-rule-color` property is used to change the color	of the line that is drawn between columns. Don't you think that's wonderful?

Chapter 5

According to Sir Tim Berners-Lee, " I was lucky enough to invent the Web at the time when the Internet already existed - and had for a decade and a half. " We must understand that there is nothing fundamentally wrong with building on the contributions of others.

Chapter 6

According to the Mozilla Manifesto, " Individuals must have the ability to shape the Internet and their own experiences on the Internet. " Therefore, we can infer that contributing to the open web can protect our own individual experiences on it.

According to the Mozilla Manifesto, " Individuals must have the ability to shape the Internet and their own experiences on the Internet. " Therefore, we can infer that contributing to the open web can protect our own individual experiences on it.

Example text

Example text

You can barely see this.
This is easier to see.
This is very easy to see.

超電磁砲

This text has a line underneath it.

This text has a line over it.

~~This text has a line going through it.~~

This paragraph has ~~some erroneous text~~ inside it that I want to call attention to.

Lorem   ipsum   dolor   sit   amet.

Lorem   ipsum   dolor   sit   amet.

single value	two values

Small

Normal

Big

```
hyphenate-character: "="
```

Superc=
alifragilistic=
expialido=
cious

```
hyphenate-character is not set
```

Superc-
alifragilistic-
expialido-
cious

Example text
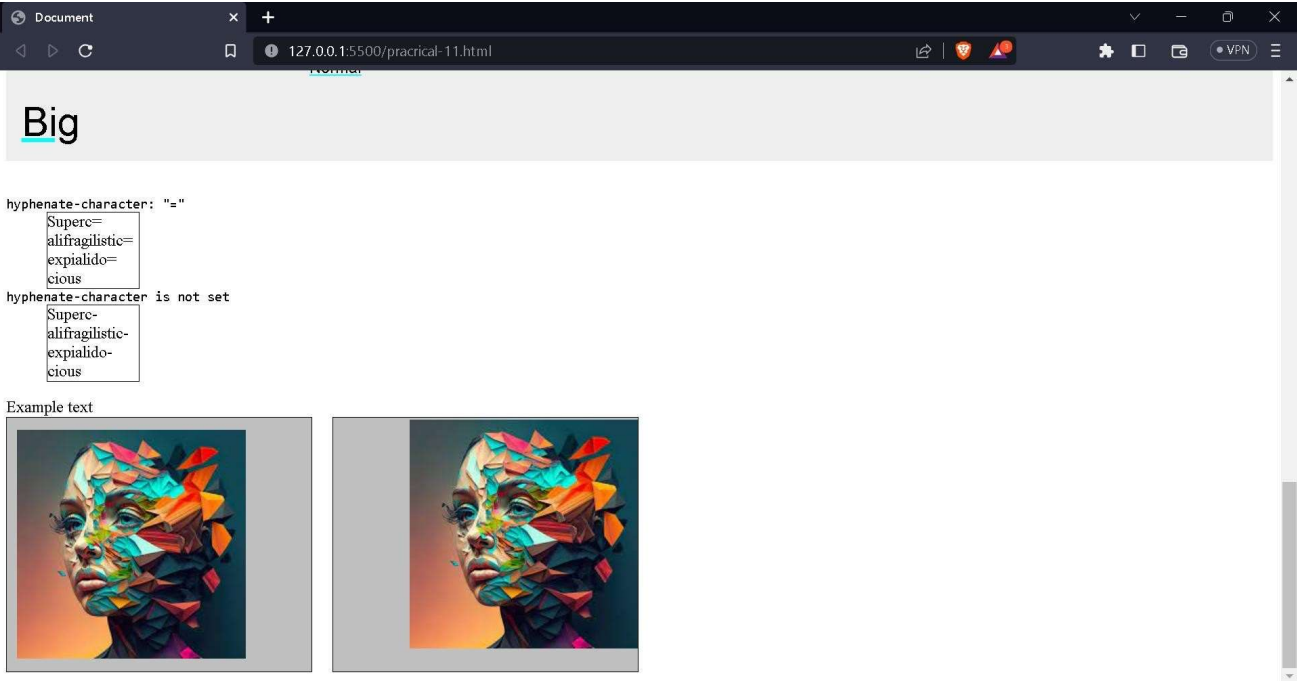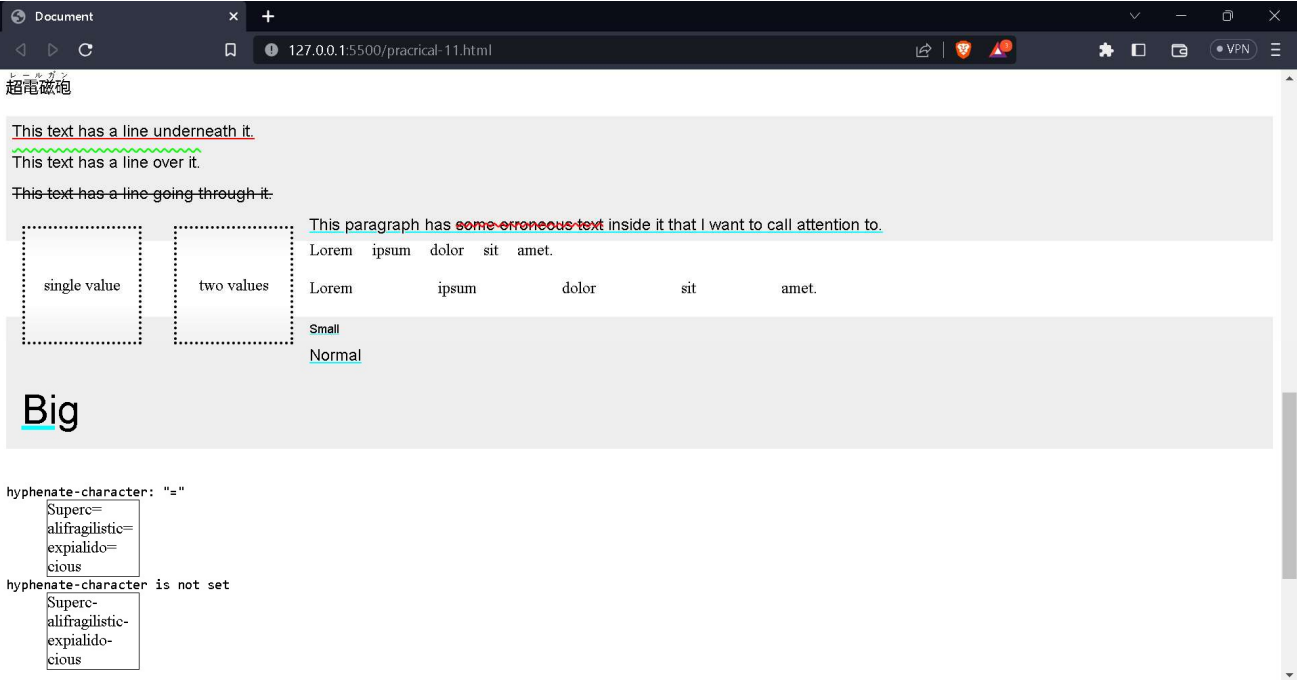
PRACTICAL-12

```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>
  <style>
    *{
      color:rgb(0, 140, 255);
    }
  </style>
<script> document.write("<div");var x="akali";
    document.write(x); document.write("<br>"); document.write(typeof x);var
    x=34; document.write("<br>"); document.write(x);
    document.write("<br>");
  var a; document.write("<br>"); document.write(typeof a);var b="achuth";
  document.write("<br>"); document.write( b);

   document.write( b);
    document.write("<br>");
    var b="akali venkata atchutarao";document.write( b);
    document.write("<br>");
  var y=20;
 let z=("anti man"); document.write("<br>");document.write(z); const h="it 1st
  year";
  document.write("achuth"); document.write("<br>"); document.write("post
  increment:");
```

```html
var g=10; document.write("<br>");document.write("g=",g);
document.write("<br>");g++;
document.write("g=",g); document.write("<br>");
document.write("preincrement:");document.write("<br>");
++g;
document.write("<br>"+"g=",g);document.write("statements:"); var c=2;
document.write("<br>"); if(c>20)
{
document.write("c is greater");
}else{
document.write("x is smaller");
}
document.write("operations");const p=20;
const q=12; const r=p+q;const s=p-q;const t=p*q;const u=p/q;
document.write("<br>"+"r="+r); document.write("<br>"+"s="+s);
document.write("<br>"+"t="+t); document.write("<br>"+"u="+u);
document.write("</div>");
    </script>
</head>
<body>
</body>
</html>
```

OUTPUT:

string
34

undefined
achuthachuth
akali venkata atchutarao

anti manachuth
post increment:
g=10
g=11
preincrement:

g=12statements:
x is smalleroperations
r=32
s=8
t=240
u=1.6666666666666667

PRACTICAL-13

```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>
  <style>
    *{
      color: chocolate;
    }
  </style>
  <script>
    function square(a)
    {
      return a*a;
    }
    for(i=1;i<=50;i++)
    {
      document.write("the square of "+i+"="+square(i)+"<br>");
    }
  </script>
</head>
<body>

</body>
</html>
```
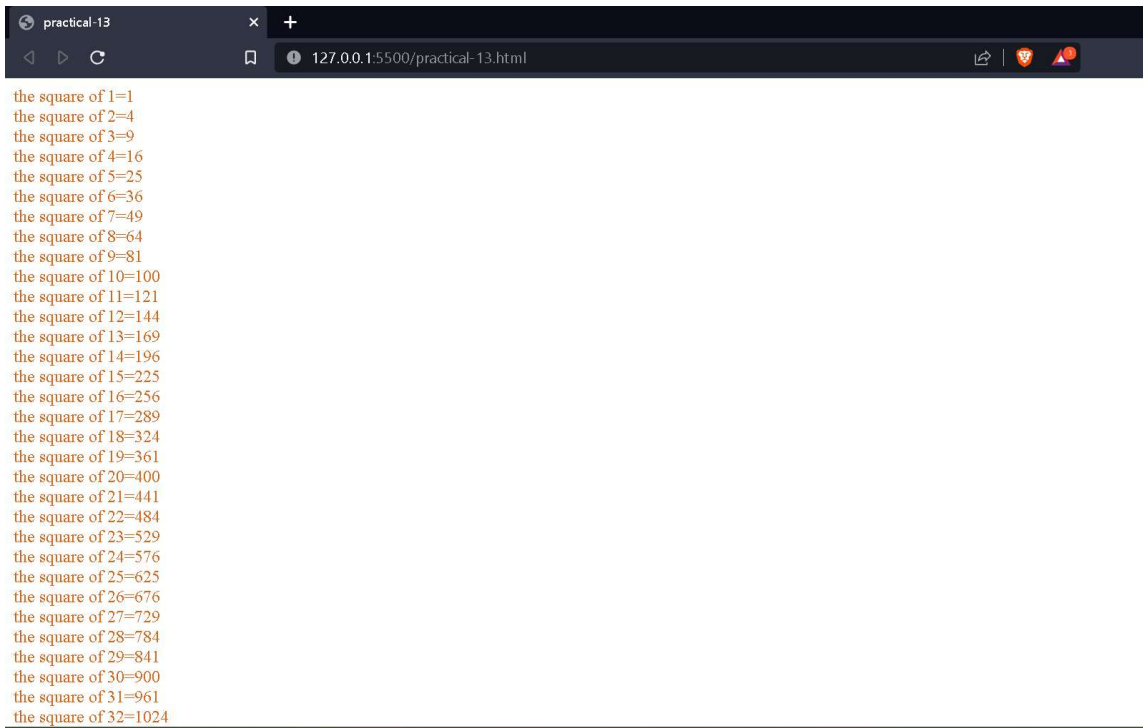
OUT PUT:

the square of 1=1
the square of 2=4
the square of 3=9
the square of 4=16
the square of 5=25
the square of 6=36
the square of 7=49
the square of 8=64
the square of 9=81
the square of 10=100
the square of 11=121
the square of 12=144
the square of 13=169
the square of 14=196
the square of 15=225
the square of 16=256
the square of 17=289
the square of 18=324
the square of 19=361
the square of 20=400
the square of 21=441
the square of 22=484
the square of 23=529
the square of 24=576
the square of 25=625
the square of 26=676
the square of 27=729
the square of 28=784
the square of 29=841
the square of 30=900
the square of 31=961
the square of 32=1024

the square of 33=1089
the square of 34=1156
the square of 35=1225
the square of 36=1296
the square of 37=1369
the square of 38=1444
the square of 39=1521
the square of 40=1600
the square of 41=1681
the square of 42=1764
the square of 43=1849
the square of 44=1936
the square of 45=2025
the square of 46=2116
the square of 47=2209
the square of 48=2304
the square of 49=2401
the square of 50=2500

PRACTICAL – 14

```html
<!DOCTYPE html>
<html>
<head>
  <title>Document</title>
  <script>var a;
    document.write("<p>All 30 rolls</p><ol>");for(var i=1;i<=30;i++)
      {
        a=Math.floor(1+Math.random()*6);
        document.write("<li>"+a+"</li> ");
      }
      document.write("</ol>");
  </script>
  <style>ol{
      list-style-type: none;
    }
    li{
      display: inline-block;
    }
    *
    {
      font-size: 30px;
      font-family: brush script mt;
```

```
        color: rgb(242, 0, 255); background-color: black;
      }
    </style>
  </head>
  <body>


  </body>
</html>
```

OUTPUT:
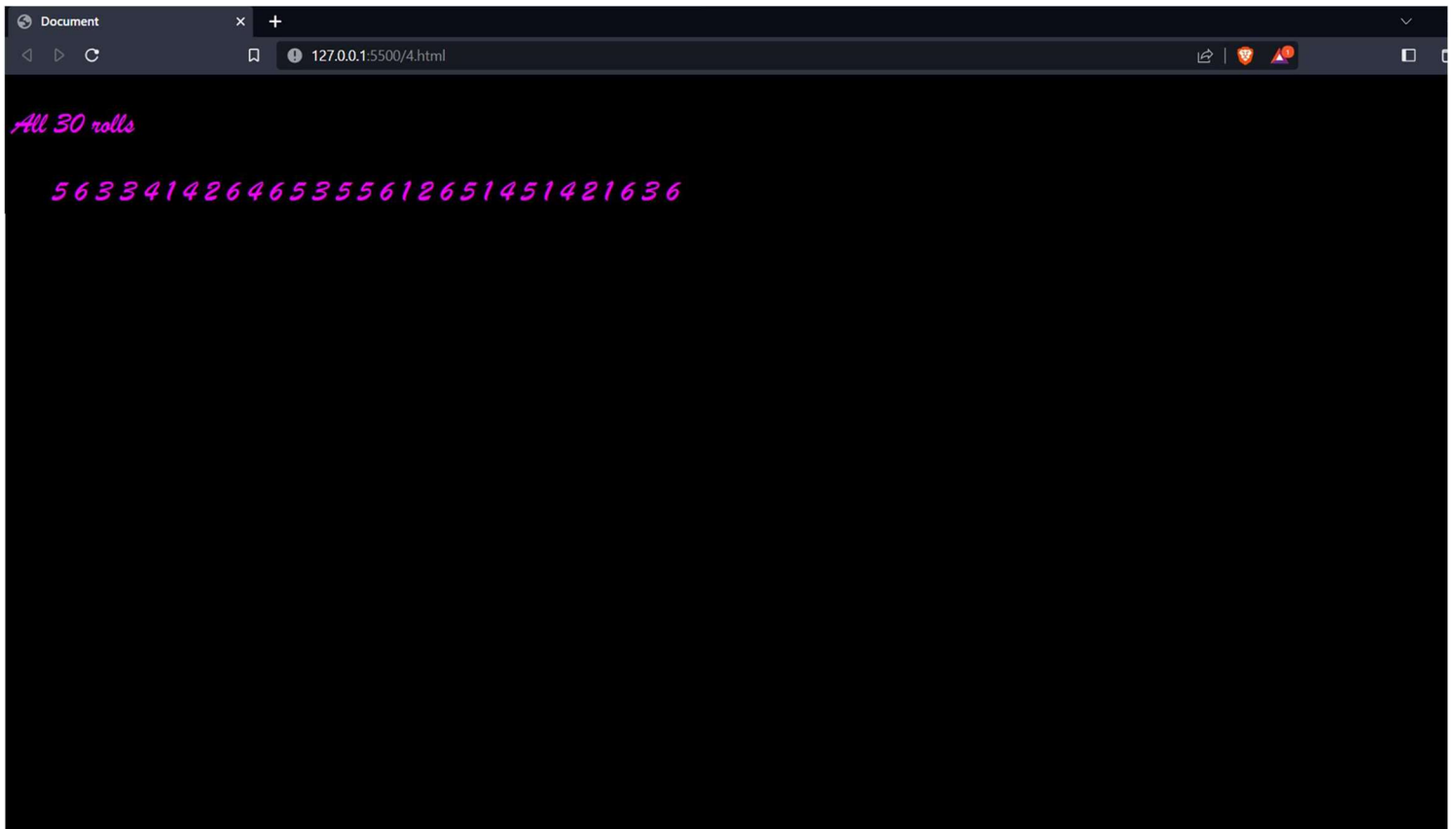
PRACTICAL-15

```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>
  <script>
var a =prompt("enter the value of a"); varb=prompt("enter the value of b"); var
d=prompt("enter the value of d");achuth(a,b);
    function achuth(a,b){var c=a*b;
    document.write("the value of c ="+c+"<br>");lohith();
    function lohith(){var e=c*d;
      document.write("the value of e ="+e+"<br>");
    }

  </script>
</head>
<body>
</body>
</html>
```
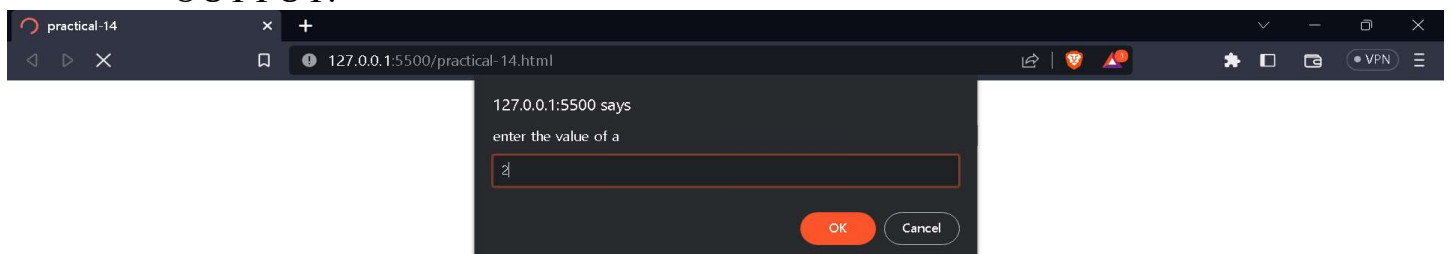
OUT PUT:

127.0.0.1:5500 says

enter the value of b

3

OK   Cancel

practical-14   +

127.0.0.1:5500/practical-14.html

127.0.0.1:5500 says

enter the value of d

6

OK   Cancel

practical-14   +

127.0.0.1:5500/practical-14.html

the value of c =6
the value of e =36

PRACTICAL-16

```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>
  Enter a number between 10 and 20:
  <input type="text" id="gh">
  <button id="st" onclick="fun()">Click</button>
  <p id="qe"></p>
  <script>

    function fun()
    {
      var a=document.getElementById("qe");try{
      var x=document.getElementById("gh").value;if(isNaN(x))
      {
        throw "not a number";
      }
      x=Number(x);if(x<10)
      {
        throw "low";
      }
      else if(x>20)
      {
```
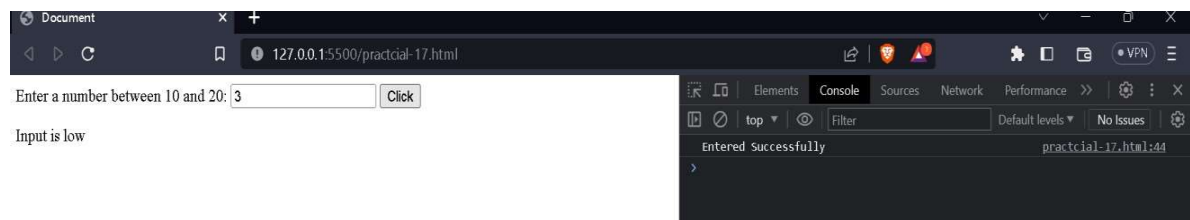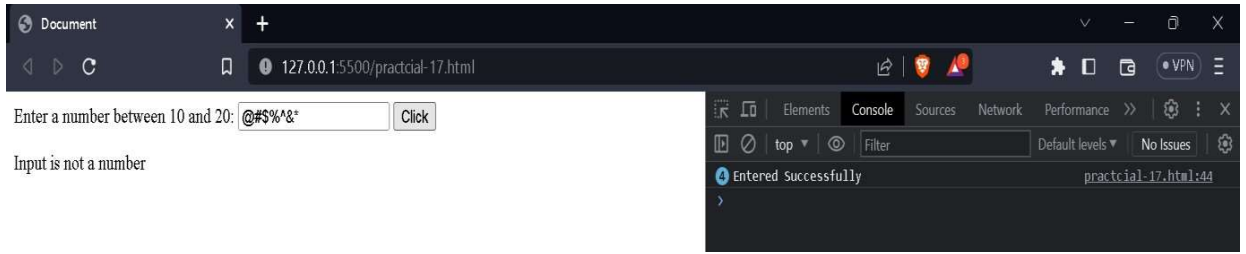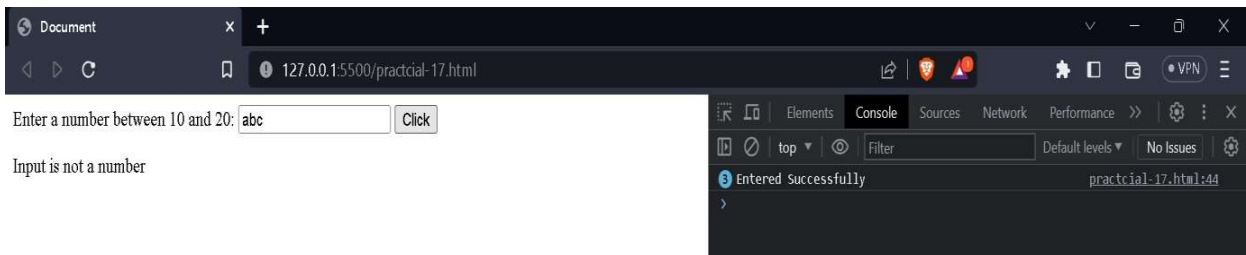
```
        throw "high";
    }
    else
    {
      a.innerHTML="Input is "+x;
    }
  }
  catch(err)
  {
    a.innerHTML="Input is "+err;
  }
  finally{
    console.log("Entered Successfully");
  }
}
</script>
</body>
</html>
```

OUT PUT:

Document — 127.0.0.1:5500/practcial-17.html

Enter a number between 10 and 20: `abc` Click

Input is not a number

Console

Entered Successfully — practcial-17.html:44

Document — 127.0.0.1:5500/practcial-17.html

Enter a number between 10 and 20: `@#$%^&*` Click

Input is not a number

Console

Entered Successfully — practcial-17.html:44
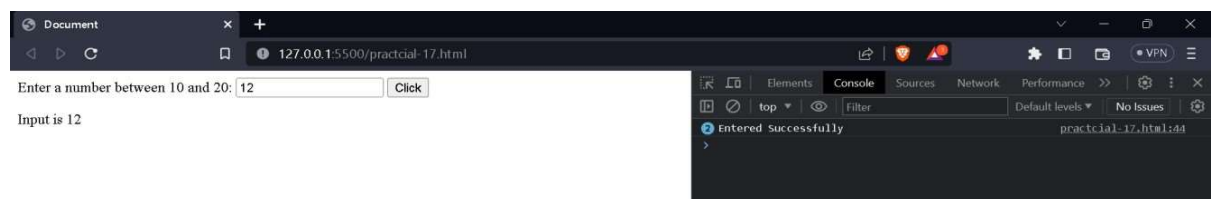
PRACTICAL-17

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>DOM manipulation</title>
</head>
<body>
  <p id="ab"></p>
  <h1>achuth</h1>
  <h1>Lohi</h1>
  <h2 id="yu">Hello World!</h2>
  <script>
    document.getElementById("ab").innerHTML="akali venkata atchuta rao";
    var a = document.getElementsByTagName("h1");a[0].innerHTML="akali venkata atchuta rao";
    a[1].innerHTML="Lohith";a[1].style.color="blue"; a[0].style.color="green";
  </script>
</body>
</html>
```
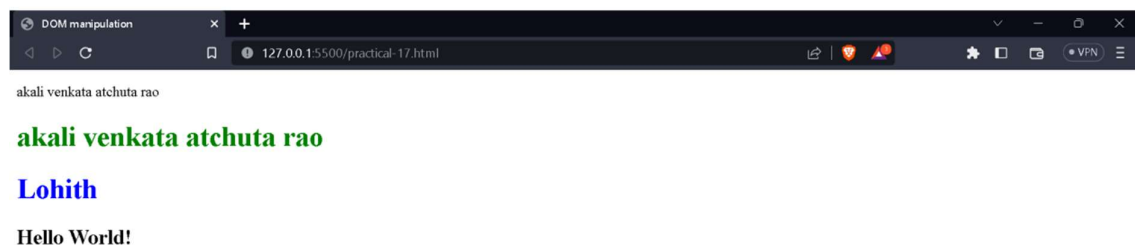
OUT PUT:

PRACTICAL-18

```html
<!DOCTYPE html>
<html>
<head>
<title>Document</title>
</head>
<body>
<h2>The code format is of only numbers</h2><br>Enter code in format:
<input type="text" id="hj">
<button id="ty" onclick="validate()">Validate</button><br>
<p id="fg"></p>
<script>
function validate(){
var user=document.getElementById("hj").value;var exp=/[0-9]/;
var exp1=/[a-z]/; if(exp1.test(user)) console.log("Invalid");else if(exp.test(user))
console.log("Valid"); else console.log("Invalid");
}
</script>
</body>
</html>
```
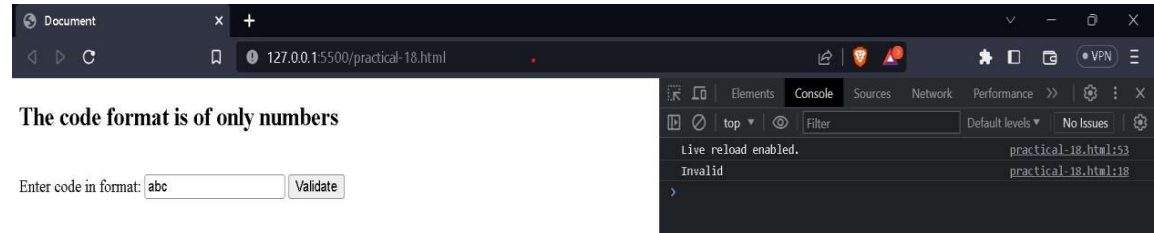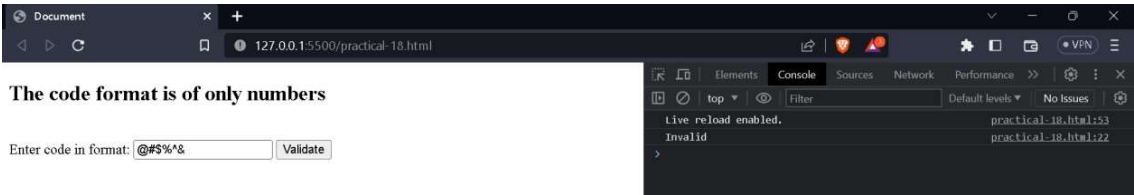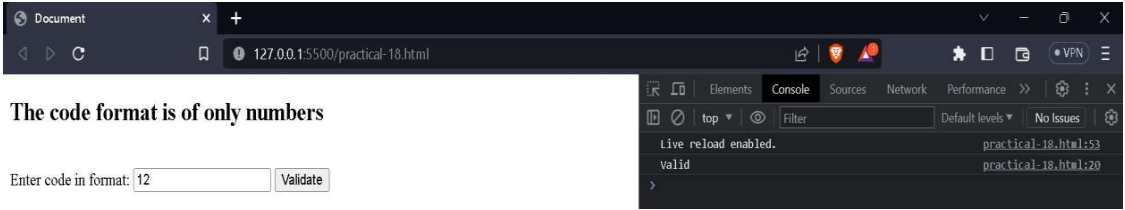
OUT PUT:

The code format is of only numbers

Enter code in format: [12] [Validate]

Live reload enabled.   practical-18.html:53
Valid   practical-18.html:20

The code format is of only numbers

Enter code in format: [@#$%^&] [Validate]

Live reload enabled.   practical-18.html:53
Invalid   practical-18.html:22

The code format is of only numbers

Enter code in format: [abc] [Validate]

Live reload enabled.   practical-18.html:53
Invalid   practical-18.html:18

```html
<!DOCTYPE html>
<html>
<head>
  <title>Document</title>
</head>
<body>
  Click on the button to see the magic!<br><br>
  <button id="gh">click</button><br><br>
  <table id="fk" border="1" cellpadding="5" cellspacing="0">
    <th>S.No</th>
    <th>Courses</th>
    <th>Lecturer</th>
    <tr id="dk">
    <td>1</td>
    <td>Engineering Mathematics</td>
    <td>Mr.Biswajit Kaushik</td>
    </tr>
    <tr id="al">
      <td>2</td>
      <td>Data Structure</td>
      <td>Dr.Vinay Pathak</td>
    </tr>
    <tr id="ty">
      <td>3</td>
      <td>Web Designing</td>
```

```html
        <td>Ms.Sunita Sharma</td>
    </tr>
    <tr id="eu">
        <td>4</td>
        <td>Information Security</td>
        <td>Dr.Aarti Sharma</td>
    </tr>
    <tr id="cn">
        <td>5</td>
        <td>Digital Electronics</td>
        <td>Dr. Rajiv Verma</td>
    </tr>
    <tr id="bk">
        <td>6</td>
        <td>Communication Skills</td>
        <td>Dr. Syed Ghufran Hashmi</td>
    </tr>
</table>
<script>
    var x = document.getElementById("gh");x.addEventListener("click",one);
    function one()
    {

        document.getElementById("fk").style.backgroundColor ="#33B2FF ";
        document.getElementById("dk").style.backgroundColor ="#B233FF ";
```
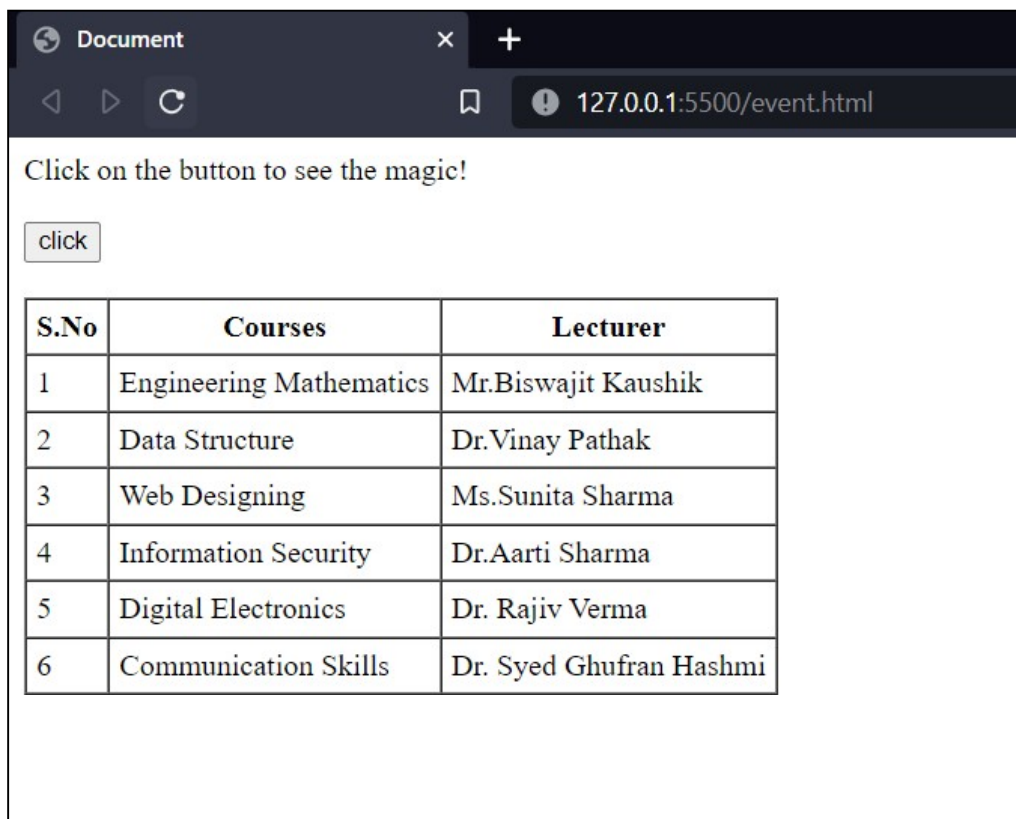
```
            document.getElementById("al").style.backgroundColor ="#FF3380 ";

            document.getElementById("ty").style.backgroundColor ="#33FF4F ";

            document.getElementById("eu").style.backgroundColor ="#B233FF ";

            document.getElementById("cn").style.backgroundColor ="#FFA533 ";

            document.getElementById("bk").style.backgroundColor ="#33FFDD ";

        }

    </script>

</body>

</html>
```

OUTPUT:

Click on the button to see the magic!

click

S.No	Courses	Lecturer
1	Engineering Mathematics	Mr.Biswajit Kaushik
2	Data Structure	Dr.Vinay Pathak
3	Web Designing	Ms.Sunita Sharma
4	Information Security	Dr.Aarti Sharma
5	Digital Electronics	Dr. Rajiv Verma
6	Communication Skills	Dr. Syed Ghufran Hashmi

Click on the button to see the magic!

click

S.No	Courses	Lecturer
1	Engineering Mathematics	Mr.Biswajit Kaushik
2	Data Structure	Dr.Vinay Pathak
3	Web Designing	Ms.Sunita Sharma
4	Information Security	Dr.Aarti Sharma
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