Q1. Usage of abbr

CODE:

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

</head>
<body>
    <p>
        Tomorrow I'll be heading to the Kennedy Space Center to learn about the
        National Aeronautics and Space Administration (NASA). Touring through
the
        rockets used in
        <abbr title="National Aeronautics and Space
Administration">NASA</abbr>
        will be such fun!
    </p>
</body>
</html>
```

Output:

Q2 : USAGE OF ADDRESS

CODE :

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>HTML tutorial</title>
</head>
<body>
    Hello Welcome to my Webpage <br>
  <address>
   Harshrajsinh Zala <br>
   VIT University <br>
   Vellore <br>
   India <br>
   </address>
   Thanks for Visiting my Page
</body>
</html>
```

OUTPUT :

Hello Welcome to my Webpage
Harshrajsinh Zala
VIT University
Vellore
India
Thanks for Visiting my Page

Q3 : USAGE OF CAPTION

CODE:

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Table</title>
</head>
<body>
  <h1>Course Details</h1>
  <label for="sem">Select Semester: </label>
  <select name="sem" id="sem">
  <option value="sem1">Winter-Sem 2024</option>
  <option value="sem2">Fall-Sem 2023</option>
  </select><br>
  <br>

  <table border="1">
   <caption>THIS IS THE CAPTION</caption>
    <thead>
       <tr><th colspan="10">Regular Courses</th></tr>
    <tr>
       <th>Serial No.</th>
       <th>Course Code</th>
       <th>Title</th>
       <th>Type</th>
       <th>Slot</th>
       <th>Class Number</th>
    </tr>
  </thead>
  <tbody>
    <tr>
       <td>1</td>
       <td>CSE3002</td>
       <td>Internet and Web Programming</td>
       <td>ETH</td>
       <td>A1</td>
       <td>VL20223509867</td>
```

```html
      </tr>

      <tr>
        <td>2</td>
        <td>CSE3002</td>
        <td>Internet and Web Programming</td>
        <td>ETH</td>
        <td>A2</td>
        <td>VL20223508768</td>
      </tr>
      <tr>
        <td>3</td>
        <td>CSE3002</td>
        <td>Internet and Web Programming</td>
        <td>ELA</td>
        <td>L9+L10</td>
        <td>VL20223509345</td>
      </tr>
      <tr>
        <td>4</td>
        <td>CSE3002</td>
        <td>Internet and Web Programming</td>
        <td>ELA</td>
        <td>L52+L53</td>
        <td>VL20223507689</td>
      </tr>
      <tr>
        <td>5</td>
        <td>CSE3002</td>
        <td>Internet and Web Programming</td>
        <td>ELA</td>
        <td>L14+L15</td>
        <td>VL20223509665</td>
      </tr>
    </tbody>
    </table>
</body>
</html>
```

OUTPUT:

Course Details

Select Semester: [Winter-Sem 2024 ∨]

THIS IS THE CAPTION

Regular Courses					
Serial No.	Course Code	Title	Type	Slot	Class Number
1	CSE3002	Internet and Web Programming	ETH	A1	VL20223509867
2	CSE3002	Internet and Web Programming	ETH	A2	VL20223508768
3	CSE3002	Internet and Web Programming	ELA	L9+L10	VL20223509345
4	CSE3002	Internet and Web Programming	ELA	L52+L53	VL20223507689
5	CSE3002	Internet and Web Programming	ELA	L14+L15	VL20223509665

Q4 : USAGE OF CODE

```html
<!DOCTYPE html>
<html>

<body>
     <pre>
     <code>
#include&lt;stdio.h&gt;
int main() {
     printf("Hello My name is Harshraj");
}
     </code>
     </pre>
</body>

</html>
```

Output:

```
#include<stdio.h>
int main() {
        printf("Hello My name is Harshraj");
}
```

Q5: Usage of COLGROUP

CODE :
```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>HTML tutorial</title>
    <style>
    table, th, td {
        border: 1px solid black;
        width: 200px;
     }
    </style>
</head>
<body>
    Hello Welcome to my Webpage
   <table>
   <colgroup>
       <col style="background-color: aqua;">
       <col span="1" style="background-color:bisque">
       <col span="1" style="background-color:gold">
   </colgroup>
   <caption>Marks of Students</caption>
   <tr><td>Harsh</td><td>50</td><td>Java</td></tr>
   <tr><td>Rohan</td><td>48</td><td>Maths</td></tr>
   <tr><td>Yash</td><td>45</td><td>Physics</td></tr>
   </table>
</body>
</html>
```

OUTPUT:

Q6 : DATALIST TAG
code:

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

</head>
<body>
    <form>
    Select your Subject
    <input list="subjects" name="subject" id="subject">
    <datalist id="subjects">
        <option value="Java">Java</option>
        <option value="DSD">DSD</option>
        <option value="PNC">PNC</option>
        <option value="DBMS">DBMS</option>
    </datalist>
    <input type="submit">
</form>
</body>
</html>
```

OUTPUT :

Select your Subject | d   ▼ | DSD

                                      DBMS

Q7: DL TAG

CODE:
```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>DL tag</title>
</head>
<body>
  <dl>
   <dd>ROM</dd>
   <dt>Read Only Memory</dt>
   <dd>RAM</dd>
   <dt>Random Access Memory</dt>
   </dl>
</body>
</html>
```

OUTPUT:

ROM
Read Only Memory
RAM
Random Access Memory

Q8: DEL TAG

CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>DEL TAG</title>
</head>
<body>
    I am currently learning<del>Java</del> WEB DEV
</body>
</html>
```

OUTPUT:

I am currently learning~~Java~~ WEB DEV

Q9 : DETAILS TAG

CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>HTML tutorial</title>
</head>
<body>
  <h1>Welcome to my Page</h1>

  <details>
    <summary>Central Processing Unit</summary>
    <p>This is called the brain of the computer , without this a computer cannot
be imagined</p>
  </details>
</body>
</html>
```

OUTPUT:

Welcome to my Page

▼ Central Processing Unit

This is called the brain of the computer , without this a computer cannot be imagined

Q10: FIELDSET TAG

CODE:

```html
 <!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>HTML tutorial</title>
</head>
<style>
   #t1{
      width:300px;
   }
</style>
<body>
 <h1>Welcome to my Webpage</h1>
 <form>
 <fieldset id="t1">
  <legend>WEBDEV class form</legend>
     <label for="username">Enter your Username</label>
     <input type="text"> <br>
     <label for="password">Enter your Password</label>
     <input type="password">
 </fieldset>
</form>
</body>
</html>
```

OUTPUT:

Welcome to my Webpage

Q11 :
Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>HTML tutorial</title>
</head>
<style>
    #t1{
        width:300px;
        background-color: aqua;
    }
</style>
<body>
  <h1>Welcome to my Webpage</h1>
  <figure>
    <img src="images/blue.png" alt="blue button image">
    <figcaption>Fig: Blue button</figcaption>
  </figure>
</body>
</html>
```

OUTPUT:

Welcome to my Webpage

Fig: Blue button

Q12:

Code :

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>HTML tutorial</title>
</head>
<style>
    #t1{
        width:300px;
        background-color: aquamarine;
    }
</style>
<body>
  <hgroup>
  <h2>Web development</h2>
  <p>You need to learn html ,css, javascript , React and nodejs for becoming full stack developer</p>
</hgroup>
</body>
</html>
```

Output :

Web development

You need to learn html ,css, javascript , React and nodejs for becoming full stack developer

Q13 : MENU TAG

CODE:

```html
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Alternative to ul tag</title>
</head>
<style>
   #t1{
     width:300px;
     background-color: aqua;
   }
</style>
<body>
   <h2>Alternative to ul tag is menu tag</h2>
  <menu>
   <li>item1</li>
   <li>item2</li>
   <li>item3</li>
  </menu>
</body>
</html>
```

OUTPUT:

Alternative to ul tag is menu tag

- item1
- item2
- item3

Q14 : METER TAG

Code :
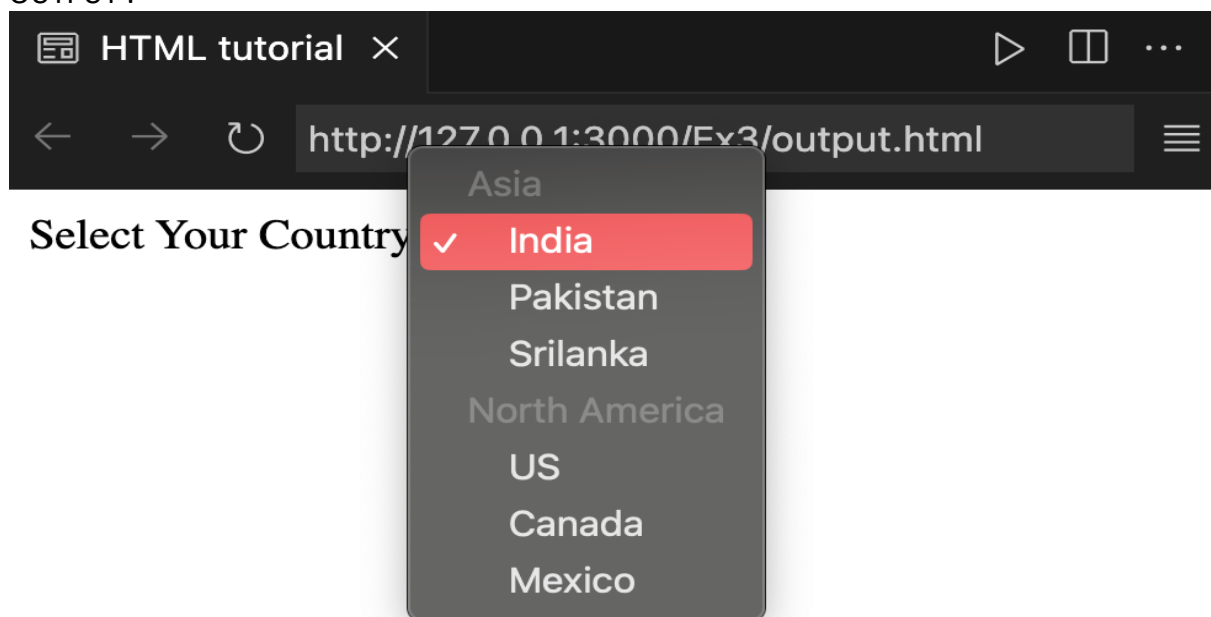
```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>HTML tutorial</title>
</head>
<body>
 <h1>How Happy You Are</h1>
  <label for="Harsh">Harsh</label>
  <meter id="s1" value="50" min="0" max="100"></meter>
  <label for="yash">Yash</label>
  <meter id="s1" value="30" min="0" max="100"></meter>
</body>
</html>
```

OUTPUT :

How Happy You Are

Harsh ▓▓▓▓▓░░░░░ Yash ▓▓▓░░░░░░░

Q15 :
CODE :

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>HTML tutorial</title>
</head>
<body>
 <label for="countries">Select Your Country</label>
  <select name="countries" id="country">
    <optgroup label="Asia">
     <option value="India" selected>India</option>
     <option value="India">Pakistan</option>
     <option value="India">Srilanka</option>
    </optgroup>
    <optgroup label="North America">
      <option value="India">US</option>
      <option value="India">Canada</option>
      <option value="India">Mexico</option>
    </optgroup>
  </select>
</body>
</html>
```

OUTPUT :

Q16 : NO SCRIPT TAG

CODE :

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>HTML tutorial</title>
</head>
<body>
 <script>
    function test()
    {
      document.write("hello world");
    }
    test();
 </script>
 <noscript>
  Sorry the script is disabled in your system.
 </noscript>
</body>
</html>
```

OUTPUT :

hello world

Q17 : Sup and Sub TAG

CODE :

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>SUP AND SUB</title>
</head>
<body>
 <h1>See below</h1>
 what is X<sup>2</sup> + Y<sub>2</sub>
</body>
</html>
```

OUTPUT :

See below

what is $X^2 + Y_2$