Program 1:

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

```
<!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>
 >
   <b >this is bold</b><br>
   <i >this is italic</i><br>
   <em >this is emphasize</em><br>
   <strong >strong tag</strong><br>
   <mark >marked text</mark><br>
   <del>deketed text</del><br>
   <ins>inserted text</ins><br>
   this is <sub >subscript text</sub><br
   this is <sup >superscript </sup>
 Name: Priyanshu Negi Std.ld: 22011884 Sem: 6th Sec: C1
</body>
</html>
```



U http://127.0.0.1:3000/html/test.html

this is bold

this is italic this is emphasize

strong tag

marked text

deketed text

inserted text

this is ${}_{\hbox{subscript text}}$

this is superscript

Program 2:

Write an HTML code to draw the following Figure:

HTML Code-:

```
<!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>
 * * *
****
* * * * * * *
 Name: Priyanshu Negi Std.ld: 22011884 Sem: 6th Sec: C1
</body>
</html>
```

Output:-

Program 3:

Create a web page to print the following table:

List of Course-wise Subjects

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

```
<!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>
 <br>
 <b><center>List of course-wise Subjects</center></b><br>
 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
Virtual Basics
>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

Name: Priyanshu Negi Std.Id: 22011884 Sem: 6th Sec: C1
</body>
</html>
```

List of course-wise Subjects

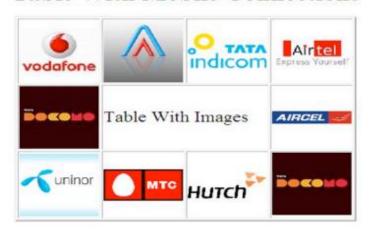
Cu No	Course	Subject	Marks		Category		Practical/Theory
SI. 110.			Internal	External	Internal	External	ractical/Ineory
	MBA	Management Accounting	30	70	-	✓	Theory
1		Information Technology	30	70	-	✓	T and P
1		Basics of Marketing	30	70	-	✓	Theory
		E-Commerce	50	-	✓	-	Theory
	MCM	Virtual Basics	30	70	-	✓	T and P
		Internet Technology	30	70	-	✓	T and P
2		Network Technology	30	70	-	✓	Theory
2		VB.Net	30	70	-	✓	T and P
		Linux	30	70	-	✓	T and P
		ISA	50	70	✓	-	Theory

Program 4

Using table related tags align the images with hyperlinks.

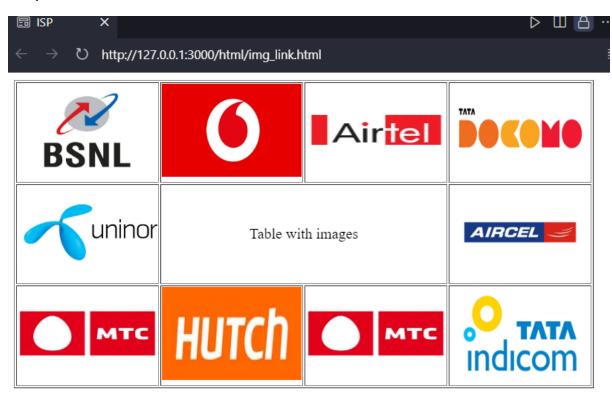


Table With Mobile Connections



```
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <title>ISP</title>
 <style>
   .pict{
    width: 150px;
    height: 100px;
   }
 </style>
</head>
<body>
 <a href="https://bsnl.co.in/"><img src="https://shorturl.at/owOEe" alt="bsnl"
class="pict"></a>
```

```
<a href="https://www.myvi.in/"><img src="https://shorturl.at/vPKkS"
alt="vodafone"class="pict"></a>
    <a href="https://www.airtel.in/"><img src="https://shorturl.at/rK7OD"
alt="airtel" class="pict"></a>
    <a href="https://www.docomo.ne.jp/english/"><img
src="https://shorturl.at/3y01D" alt="docomo"class="pict"></a>
   <a href="https://www.telenor.com/"><img src="https://shorturl.at/XlGtE"
alt="telenor" class="pict"></a>
    <center>Table with images</center>
    <a href="https://www.aircel.com/"><img src="https://tinyurl.com/hy4cdy43"
alt="aircel" class="pict"></a>
   <a href="https://www.mtctelcom.com/"><img
src="https://tinyurl.com/1asnx91jsx" alt="mtc" class="pict"></a>
    <a href="https://hutch.lk/"><img src="https://tinyurl.com/gsxb88g"
alt="hutch" class="pict"></a>
    <a href="https://www.mtctelcom.com/"><img
src="https://tinyurl.com/cj0921hsc" alt="mtc" class="pict"></a>
    <a href="https://www.tatacommunications.com/solutions/move/mobile-
virtual-network-enabler-services/"><img src="https://tinyurl.com/qcmnq89y9c"
alt="tata" class="pict"></a>
   Name: Priyanshu Negi Std.ld: 22011884 Sem: 6th Sec: C1
</body>
</html>
```

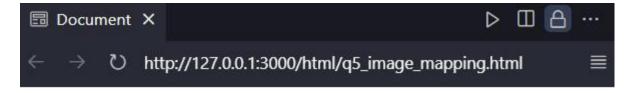


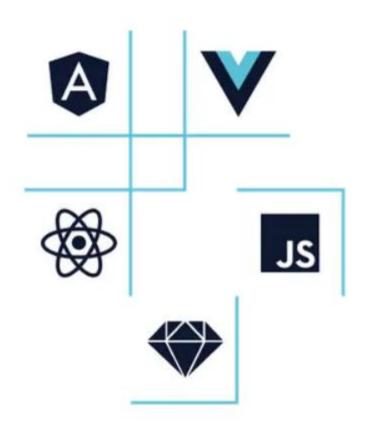
Program 5.

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.

```
<!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>
 <img src="lang.webp" alt="" usemap="#map1">
 <map name="map1">
   <area shape="rectangle" coords="124px 100px 205px 182px"
href="https://angular.dev/" target="_blank" alt="">
   <area shape="rectangle" coords="250px 100px 333px 184px"
href="https://vite.dev/" target="_blank" alt="">
   <area shape="rectangle" coords="122px 228px 205px 313px"
href="https://react.dev/" target="_blank" alt="">
   <area shape="rectangle" coords="292px 230px 377px 314px"
href="https://www.javascript.com/" target="_blank" alt="">
   <area shape="rectangle" coords="207px 314px 289px 397px"
href="https://www.ruby-lang.org/en/" target="_blank" alt="">
Name: Priyanshu Negi Std.ld: 22011884 Sem: 6th Sec: C1
</body>
</html>
```





Program 6:

Create a web page having frames as follows:

Your Name Punch line etc.				
Objective Personal Information Family Information Educational Information Experience Achievements Other	Display information here of selected link	Display relevant images here		
Your contact details				

HTML Code:

1. Main code

```
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <title>IFrame</title>
</head>
<body>
 Priyanshu Negi
  <iframe src="links.html" ></iframe>
    <iframe src="" name="iframe2"></iframe>
    <iframe src="iframe3.html"></iframe>
```

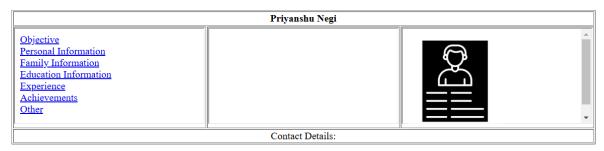
```
    <center>Contact Details: </center>

Name: Priyanshu Negi Std.Id: 22011884 Sem: 6th Sec: C1
</body>
</html>
```

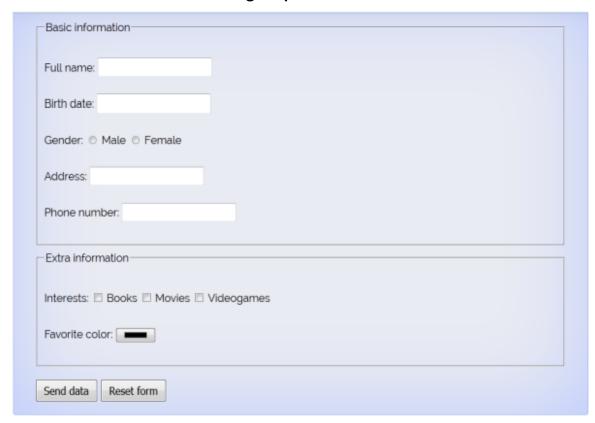
2. Links code

```
<!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>
 <a href="obj.html" target="iframe2">Objective</a><br>
 <a href="personal.html"target="iframe2">Personal Information</a><br>
 <a href="family.html"target="iframe2">Family Information</a><br/>br>
 <a href="education.html"target="iframe2">Education Information</a><br>
 <a href="experience.html"target="iframe2">Experience</a><br>
 <a href="achievement.html"target="iframe2">Achievements</a><br>
 <a href="other.html"target="iframe2">Other</a>
</body>
</html>
```

Output:



Program 7: Write a HTML code for the following snapshot.



```
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <title>Form</title>
</head>
<body>
 <form action="">
   <fieldset>
     <legend>Basic Information</legend><br>
     <label for="name">Full Name: </label>
     <input type="text" name="" id="name"><br><br>
     <label for="dob">Birth Date: </label>
     <input type="text" name="" id="dob"><br><br>
     <label>Gender: </label>
     <input type="radio" name="" id="male">
```

```
<label for="male">Male</label>
     <input type="radio" name="" id="female">
     <label for="female">Female</label><br><br></
     <label for="address">Address: </label>
     <input type="text" name="" id="address"><br><br>
     <label for="p_no">Phone Number: </label>
     <input type="text" name="" id="p no"><br><br>
   </fieldset>
   <fieldset>
     <legend>Extra Information</legend><br>
     <label for="">Interests: </label>
     <input type="checkbox" name="" id="books">
     <label for="books">Books</label>
     <input type="checkbox" name="" id="movies">
     <label for="movies">Movies</label>
     <input type="checkbox" name="" id="videogames">
     <label for="videogames">Videogames</label><br><br></r>
     <label for="color">Favorite color</label>
     <input type="color" name="" id="color"><br><br><
   </fieldset>
   <br>
   <button type="submit">Send data
   <button type="reset">Reset form</button>
 </form>
Name: Priyanshu Negi Std.ld: 22011884 Sem: 6th Sec: C1
</body>
</html>
```

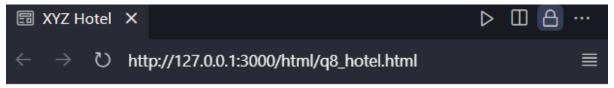
Form		×	•••
\leftarrow \rightarrow	ರ	http://127.0.0.1:3000/html/q7_form.html	≡
Basic I	nfor	mation—	
Full Na	ıme:		
Birth D	ate:		
Gender	: 0	Male O Female	
Address	s:		
Phone 1	Num	ıber:	
Extra I	nfor	mation—————	$\underline{}$
Extra II	11101	mation	
Interest	ts: C	□ Books □ Movies □ Videogames	
Favorite	e co	lor	
Send data	a	Reset form	

Program 8:

Create a web page of customer profile for data entry of customers 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).

```
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <title>XYZ Hotel</title>
</head>
<body>
 <h1>Customer Profile </h1>
 <form >
   <fieldset>
     <legend>Personal Information</legend><br>
     <label for="name">Name: </label>
     <input type="text" name="" id="name"><br><br>
     <label for="add">Address: </label>
     <input type="text" name="" id="add"><br><br>
     <label for="age">Age: </label>
     <input type="number" name="" id="age"><br><br>
     <label>Gender: </label>
     <input type="radio" name="" id="m">
     <label for="m">Male </label>
     <input type="radio" name="" id="f">
     <label for="f">Female </label><br><br></
   </fieldset>
   <br>
   <fieldset>
     <legend>Room details</legend><br>
     <label for="">Room Type: </label>
     <input type="radio" name="" id="ac">
     <label for="ac">A/C</label>
     <input type="radio" name="" id="nac">
     <label for="nac">Non-A/C</label>
     <input type="radio" name="" id="Deluxe">
     <label for="Deluxe">Deluxe</label><br><br></
```

```
</fieldset><br>
   <fieldset>
     <legend>Payment details</legend><br>
     <label for="">Type of Payment: </label>
     <input type="radio" name="" id="cash">
     <label for="cash">Cash</label>
     <input type="radio" name="" id="card">
     <label for="card">Credit/Debit card</label>
     <input type="radio" name="" id="coupon">
     <label for="coupon">Coupons</label><br><br>
   </fieldset>
   <br>
   <button type="submit">Submit</button>
   <button type="reset">reset </button>
 </form>
Name: Priyanshu Negi Std.ld: 22011884 Sem: 6th Sec: C1
</body>
</html>
```



Customer Profile

Personal Information
Name:
Address:
Age:
Gender: O Male O Female
Room details
Room Type: O A/C O Non-A/C O Deluxe
Payment details—
Type of Payment: O Cash O Credit/Debit card O Coupons
Submit reset
Name: Priyanshu Negi Std.Id: 22011884 Sem: 6th Sec: C1

Program 10:

Design an HTML page to create the following list.

```
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <title>Programming and Web Development</title>
 <style>
   body {
    font-family: Arial, sans-serif;
   }
   ul {
    list-style-type: disc;
   }
   ul ul {
    list-style-type: square;
   }
   ul ul ul {
    list-style-type: circle;
  }
 </style>
</head>
<body>
 <h2>1. <strong>Programming Languages</strong></h2>
   <strong>Python</strong>
    ul>
      Frameworks
        Django
         Flask
        Libraries
       ul>
         NumPy
         Pandas
         Matplotlib
       <strong>Java</strong>
    ul>
```

```
Core Concepts
     OOP
      Multithreading
      Exception Handling
     Frameworks
     Spring
      Hibernate
     <h2>2. <strong>Web Development</strong></h2>
  <strong>Frontend</strong>
   ul>
    HTML
    CSS
    JavaScript
     ul>
      React
      Vue.js
      Angular
     <strong>Backend</strong>
    Node.js
    PHP
    Ruby on Rails
   Name: Priyanshu Negi Std.ld: 22011884 Sem: 6th Sec: C1
</body>
</html>
```