



# INDEX

NAME: K. Deepika

**ROLL NO.:**

STD: \_\_\_\_\_ DIV/SEC: \_\_\_\_\_

**SUBJECT:**

S.No.	Date	Title	Page No.	Teacher's Sign/ Remarks
1.	25/8	simple personal webpage	1	
2.	25/8	Image as a clickable link	2	
3.	26/8	Navigation Bar	3	
4.	26/8	std grades table	4	
5.	27/8	merged cells	5	
6.	27/8	Employee table	6	
7.	28/8	frames with Navigation	7	
8.	28/8	frames with Document-	8	
9.	29/8	three column frame set	9	
10.	4/9	University code registration		
11.	4/9	Design blog layout		
12.	5/9	real time stock price viewer		
13.	5/9	online shopping cart system		
14.	6/9	developing a local restaurant		
15.	6/9	Create a user registration		
16.	7/9	A blog website with dynamic		
17.	7/9	University portal		

1. you are tasked with creating a simple personal web page that includes your name, bio and a link to your favorite website

HTML code:

```
<!DOCTYPE html>
<html>
<head>
    <title> My personal webpage </title>
</head>
<body>
    <h1> your name </h1>
    <p> This is a brief bio about myself. </p>
    <a href = "https://www.ex.com" target = "-blank"
        >visit my fav. website</a>
</body>
</html>
```

Output

My personal webpage

Deepika

This is brief bio about  
myself

"visit my favorite website"- https://www.  
ex.com.

2. You need to create a webpage with an image that acts as a clickable link to another website how would you code this in HTML? How do you describe the tags.

HTML code:

```
<!DOCTYPE html>
<html>
<head>
<title> Clickable image link </title>
</head>
<body>
<a href = "https://www.ex.com" target = "_blank">
<img src = "image.jpg" alt = "clickable image"
width = "300" height = "200">
</a>
</body>
</html>
```

Output:

Clickable Image
<a href="https://www.ex.com">https://www.ex.com</a>

3. you have been asked to create a navigation bar at the top of your webpage with links to "Home", "about", and "content" pages. How would you structure this using HTML?

HTML code:

```
<!DOCTYPE html>
<html>
<head>
<title> Navigation Bar </title>
</head>
<body>
<ul>
<li><a href = "home.html"> Home </a></li>
<li><a href = "about.html"> about </a></li>
<li><a href = "contact.html"> contact </a></li>
```

you are designing a webpage that display stud  
grades in table format. Each row should repre  
a student, with columns for the student's ID, nam  
and grade -

```
<!DOCTYPE html>
<html>
  <head>
    <title> Student grade</title>
  </head>
  <body>
    <table border = "1">
      <tr>
        <th> Student ID </th>
        <th> Name </th>
        <th> Grade </th>
      </tr>
      <tr>
        <td> 1 </td>
        <td> Deepika </td>
        <td> 82 </td>
      </tr>
      <tr>
        <td> 2 </td>
        <td> pavani </td>
        <td> 65 </td>
      </tr>
```

My Student ID

1	Deepika	S+
2	Pavan	S

You need to create a table that displays product information. The table should include merged cells from these products.

```
<!DOCTYPE html>
<html>
<head>
<title> Tables </title>
</head>
<body>
<table border="1">
<thead>
<th> Colspan = "2" > Product </th>
<th> Price </th>
<th> Quantity </th>
</thead>
<tr>
<td> Colspan = "2" > product A </td>
<td> 1200 </td>
<td> 1 </td>
</tr>
<tr>
<th colspan = "2" > Product B </th>
<td> 1500 </td>
```

</table>

< / body >

< / html >

Output:

product name	price	Quantity
A	1200	1 kg
B	1800	2 kg

6. you are required to create a table that lists employee details by department .

<html>

< head >

< title > table list < / title >

< / head >

< body >

< table border="1" >

< tr >

< th > Department < / th >

< th > employee name < / th >

< / th >

< tr >

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

< td > Jishore < / td >

< / tr >

< / body >

< html >

Output:

Department	Employee
Sales	Deepika
Marketing	Kishore

7. you are tasked to create a webpage with a left navigation pane and main content area. How do you implement these using frames in HTML?

```
<!DOCTYPE html>
<html>
<head>
<title>webpage frame </title>
</head>
<frameset cols="20%, 80%">
<frame src="navigation.html" name="nav frame">
<frame src="content.html" name="content frame">
</frameset>
</html>
```

Output

Section 1
section 2

8. You are tasked to design a webpage that displays a document in the top half of window.

```
<!DOCTYPE html>
<html>
<head>
<title> frames </title>
</head>
<frameset rows="50%, 50%">
<frame src="document.html" name="top frame">
<frame src="footer.html" name="bottom frame">
</frameset>
</html>
```

### Output:

Document page  
This is content of document  
footer page  
this is content of footer

- Q. You need to create a webpage with three columns on left nav means, a centre content area. the frameset HTML to create the layout.

```
<!DOCTYPE html>
<html>
<head>
<title> frames </title>
</head>
<frameset col="20%, *, 20%">
<frame src="nav.html" name="leftframe".
      scrolling="auto">
<frame src="content.html" name="centre frame"
      scrolling="auto">
<frame src="Sidebar.html"
      scrolling="auto">
</frameset>
</html>
```

### Output:

Navigation  
html

Content.html

Sidebar.  
html

Scenario - 1: You are building a page online resume for yourself. This page online resume for yourself, you want to style it with a specific colour scheme.

Q) How would you apply to this resume directly within the HTML file without using external CSS:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>My Resume </title>
    <style>
        body {
            margin: 0;
            padding: 0;
        }
        .container {
            width: 80%;
            margin: auto;
            background: #fff;
            padding: 20px;
            border-radius: 8px;
            box-shadow: 0 0 0 1px #000;
        }
        header {
            text-align: center;
            margin-bottom: 20px;
        }
    </style>

```

```
footer {  
    text-align: center;  
    margin-top: 20px;  
    font-size: 0.9em;  
    color: #666  
}  
</style>  
</head>  
<body>  
<div class = "container">  
<div class = "header">  
<h1> John </h1>  
<p> web developer </p>  
<div>  
<div class = "section">  
<h2> About me </h2>  
<p> Passionate web developer with experience  
in creating responsive and user friendly </p>  
<div>  
<div class = "section">  
<h2> skills </h2>  
<ul>  
<li> HTML, CSS, Javascript </li>  
<li> React, Node.js </li>  
</ul>  
</div>  
</body> </html>
```

## Output:

My Resume

Deepika - web developer

Passionate web developer with  
experience in creating website.

2. You are tasked with making quick adjustments for a web page that reads has a fully developed external stylesheet. The marketing team requests the home page.

How would you apply a specific background colour to this one button without altering the external stylesheet (or) affecting any other buttons.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title> Promotional Button </title>
</head>
<body>
<h1> Welcome </h1>
<p> Checkout the button </p>
    padding: 10px 20px;
    border: none;
    border-radius: 15px;
    cursor: pointer;
<h2> Promotional Button </h2>
</body>
</html>
```

## Output:

Promotional Button  
welcome to our website  
checkout our largest promotion  
Offered by clicking the button below

## Promotional Button

- Q. you are working on a large website with multiple pages, all of which need to have a consistent design the site already use an externally as file for styling
- Q) How would you efficiently apply the styles across all pages of websites.

## HTML Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title> my website</title>
    <link rel="style sheet" href="style.css" />
</head>
<body>
    <h1> welcome to my website </h1>
    <header>
        <div class="container">
            <p> this is a sample program
            <button> click here </button>
        </div>
    </body>
</html>
```

CSS code:

```
root {  
    -primary-color : #3498db;  
    -secondary-color : #2ecc71;  
    -text-color : #333  
    -background-color : #f4f4f4f4f4  
    font-primary : Robot ; sans-serif  
}  
  
body {  
    font-family: var(-font-primary);  
    background-color: var(-background-color);  
    color: var(-text-color);  
    margin: 0;  
    padding: 20px;  
    background-color: var(-primary-color)  
}  
  
header h1 {  
    section {  
        margin: 20px 0;  
    }  
    button {  
        padding: 10px 20px;  
        border: none;  
        border-radius: 10px;  
        cursor: pointer;  
    }  
    .btn-primary {  
        background-color: var(primary-color);  
    }  
}
```

Output:

My website  
welcome to my website.

(1) Create a university course registration system using XHTML and DHTML. The system should manage task such as listing available course, registering students, displaying std registration and course availability.

XHTML:

```
<!DOCTYPE html public>
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<title> University Course Registration System </title>
<style type="text/css">
table {
    width: 100%;
    border-collapse: collapse;
}
table, th, td {
    border: 1px solid black;
    padding: 3px;
    text-align: left;
}
</style>
<script type="text/javascript">
function addcourse() {
    var courseName = document.getElementById("courseName").value;
    var courseCode = document.getElementById("courseCode").value;
    var courseInstructor = document.getElementById("courseInstructor").value;
}
```

if (courseName == courseCode && courseInstructor == '') {  
 var table = document.getElementById('courseTable');  
 var row = table.insertRow(1);  
 var cell1 = row.insertCell(0);  
 var cell2 = row.insertCell(1);  
 var cell3 = row.insertCell(2);  
 cell1.innerHTML = courseName;  
 cell2.innerHTML = courseCode;  
 cell3.innerHTML = courseInstructor;  
}  
else {  
 alert("please fill in all fields");  
}  
</script>  
</head>  
<body>  
<h1> university course Registration system </h1>  
<h2> available course </h2>  
<table>  
<thead>  
<th> course name </th>  
<th> instructor </th>  
</thead>  
<tbody>  
<tr>  
</tbody>  
</table>  
<h2> Add a new course </h2>  
<form>  
<label for="courseName"> course name: </label>  
<input type="text" id="courseName" name="courseName" />

```
</body>  
</html>
```

Output:

## university course Registration

COURSE NAME : Course

- introduction : XHTML101

COURSE COI : Dr JaneDoe

Dr Jane Doe : XHTML 101.

4. You are designing a webpage that display student grades in table format. Each row should represent a student, with columns for the student's ID, name and grade.

```
<!DOCTYPE html>
<html>
<head>
<title> student grade</title>
</head>
<body>
<table border = "1">
<tr>
<th> student ID </th>
<th> name </th>
<th> grade </th>
</tr>
<tr>
<td> 1 </td>
<td> Deepika </td>
<td> 82 </td>
</tr>
<tr>
<td> 2 </td>
<td> Pavani </td>
<td> 5 </td>
</tr>
</table>
```

```
</body>
```

```
</html>
```

Output:

Student ID	Name	Grade
1	Deepika	S+
2	Pavani	S

5. You need to create a table that displays product information. The table should include merged cells from these products.

```
<!DOCTYPE html>
<html>
<head>
<title> Tables </title>
</head>
<body>
<table border="1">
<tr>
<th> Colspan = "2" > Product </th>
<th> Price </th>
<th> Quantity </th>
</tr>
<tr>
<td> Colspan = "2" > Product A </td>
<td> 1200 </td>
<td> 1 </td>
</tr>
<tr>
<th> Colspan = "2" > Product B </th>
<td> 1500 </td>
<td> 2 </td>
</tr>

```

```
</table>  
</body>  
</html>
```

Output:

product name	price	Quantity
A	1200	1 kg
B	1500	2 kg

6. you are required to create a table that lists employee details by department.

```
<html>  
<head>  
<title> table list </title>  
</head>  
<body>  
<table border="1">  
<tr>  
<th> Department </th>  
<th> employee name </th>  
</tr>  
<tr>  
<td rowspan="2">Marketing  
<td> Deepika </td>  
</tr>  
</table>  
</body>  
</html>
```

Output:

Department	Employee
Sales	Deepika
Marketing	Kishore

7. you are tasked to create a webpage with a left navigation plane and main content area. How do you implement these using frames in HTML?

```
<!DOCTYPE html>
<html>
<head>
<title>webpage frames </title>
</head>
<frameset cols="20%, 80%">
<frame src="Navigation.html" name="nav frame">
<frame src="Content.html" name="content frame">
</frameset>
</html>
```

Output

Section 1  
Section 2

8. You are tasked to design a webpage that displays a document in the top half of window

```
<!DOCTYPE html>
<html>
<head>
<title> frames </title>
</head>
<frameset rows="50%, 50%">
<frame src="document.html" name="top frame">
<frame src="footer.html" name="bottom frame">
</frameset>
</html>
```

### Output:

Document page  
This is content of document  
footer page  
this is content of footer

- Q. You need to create a webpage with three columns on left nav means, a centre content area. the frameset HTML to create the layout.

```
<!DOCTYPE html>
<html>
<head>
<title> frames </title>
</head>
<frameset cols="20%, *, 20%">
<frame src="nav.html" name="leftframe".
scrolling="auto">
<frame src="content.html" name="centre frame"
scrolling="auto">
<frame src="side bar.html" name="rightframe"
scrolling="auto">
</frameset>
</html>
```

### Output:

Navigation  
html

Content.html

Sidebar.  
html

Scenario - 1: You are building a page online resume for yourself. This page online resume for yourself. you want to style it with a specific colour scheme.

Q) How would you apply to this resume directly within the HTML file without using external CSS:

```
<Doctype html>
<html / lang = "en">
<head>
    <meta charset = "UTF - 8">
    <meta name = "viewport" content = "width = device-width, initial-scale = 1.0">
    <title> My Resume </title>
    <style>
        body {
            margin = 0;
            padding = 0;
        }
        .container {
            width: 20%;
            margin: auto;
            background: #fff;
            padding: 20px;
            border-radius: 8px;
            box-shadow: 0 0 0 1px #000;
        }
        header {
            text-align: center;
            margin-bottom: 20px;
        }
```

```
Footer {  
    text-align: center;  
    margin-top: 20px;  
    font-size: 0.9em;  
    color: #666  
}  
</style>  
</head>  
<body>  
<div class = "container">  
<div class = "header">  
<h1> John </h1>  
<p> web developer </p>  
<div>  
<div class = "section">  
<h2> About me </h2>  
<p> Passionate web developer with experience  
in creating responsive and user friendly </p>  
<div>  
<div class = "section">  
<h2> skills </h2>  
<ul>  
<li> HTML, CSS, Javascript </li>  
<li> React, Node </li>  
</ul>  
</div>  
</body> </html>
```

Output: My Resume  
Deepika - web developer  
Passionate web developer with  
experience in creating website.

2. You are tasked with making quick adjustments for a web page that reads has a fully developed external stylesheet. The marketing team requests the home page.

How would you apply a specific background colour to this one button without altering the external stylesheet (or) affecting any other buttons.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset = "UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title> Promotional Button </title>
</head>
<body>
<h1> Welcome </h1>
<p> Checkout the button </p>
    Padding : 10px 20px;
    border : none;
    border-radius : 15px;
    cursor : pointer;
<h2> Promotional Button </h2>
</body>
</html>
```

## Output:

Promotional Button

welcome to our website

checkout our largest promotion

Offered by clicking the button below

Promotional Button

Q. you are working on a large website with multiple pages, all of which need to have a consistent design the site already uses an external.css file for styling

Q) How would you efficiently apply the styles across all pages of websites.

## HTML code:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title> my website </title>
    <link rel="style sheet" href="style.css" />
</head>
<body>
    <h1> welcome to my website </h1>
    </header>
    <div class="container">
        <p> this is a sample program
        <button> Click here </button>
    </div>
</body>
</html>
```

CSS code:

root {

-primary-color : #3499db;

-secondary-color: #2ecc71;

-text-color : #333

-background-color : #F4F4F4F4F4

-font-primary : Robot ; sans-serif

}

body {

font-family: var (-font-primary);

background-color: var(-background-color);

color: var(-text-color);

margin: 0;

padding: 20px;

background-color: var(-primary-color)

}

header h1 {

Section {

margin: 20px 0;

}

button {

padding: 10px 20px

border: none;

border-radius: 10px;

color: pointer;

}

btn-primary {

background-color: var(primary-color)

Output:

My website

Welcome to My website.

1. university course registration system using XHTML and DHTML. The system should manage tasks like available courses, registering studies, displaying student registration etc;

```
<html>
<html xmlns = "http://www.w3.org/xhtml">
<head>
<title> course Registration </title>
<style>
table, th, td { border: 1px solid black; padding:
10px; }
</style>
<script type="text">
function addCourse() {
    var name = document.getElementById('courseName').value;
    var code = document.getElementById('courseCode');
    var instructor = document.getElementById('courseInstructor').value;
    if (name && code && instructor) {
        var table = document.getElementById('courseTable');
        var row = table.insertRow(-1);
        row.insertCell(0).innerHTML = name;
        row.insertCell(1).innerHTML = code;
    }
}
</script>

```

3  
3

```
</script>
</head>

<body>
<h1>course Registration</h1>
<input type = "text" id = "course Name" placeholder = "Course Name" />
<input type = "text" id = "course code" placeholder = "Course code" />
<button onclick = "add course()">Add Course</button>

<table id = "course table">
  <tr><th> Course Name </th><th> Course code </th><th> Instructor </th></tr>
<tr>
</table>
</body>
</html>
```

Output?

## University course Registration

Course Code: \_\_\_\_\_

Course Name: \_\_\_\_\_

## Add Course

Course code

Course Name

CSA 4399

1p

Given a scenario (e.g.: blog post). Design a webpage using appropriate elements, tables etc.,

```
<html>
  <head>
    <title> my Blog Post </title>
    <link rel="stylesheet" href="styles.css">
  </head>
  <body>
    <header>
      <h1> my awesome Blog </h1>
      <nav>
        <ul>
          <li><a href="index.html">Home</a></li>
          <li><a href="about.html">about</a></li>
          <li><a href="blog.html">Blog </a></li>
          <li><a href="contact.html">contact </a></li>
        </ul>
      </nav>
    </header>
    <article>
      <h2> the title of my Blog Post </h2>
      <p> published on <time datetime="2024-08-27T14:00:00Z"> Aug 27, 2024 </time> by <a href="#> " about.html" </a>
      Author Name </p>
      
    </article>
  </body>
</html>
```

It's engaging and gives a brief overview of what the post is about. </p>

<h3> subheading </h3>

<p> Here is some detailed content about the first topic for the blog post. </p>

<h3> subheading 2 </h3>

<p> more detailed content. </p>

<table>

<caption> comparison table </caption>

<thead>

<tr>

<th> Feature </th>

<th> option A </th>

<th> option B </th>

</tr>

</thead>

</body>

<tr>

<td> price </td>

<td> \$100 </td>

<td> \$150 </td>

</tr>

</head>

</body>

<tr>

<td> performance </td>

<td> Good </td>

<td> Excellent </td>

</tr>

<tr>

```
<td> support </td>
<td> 24/7 </td>
<td> Business Hours </td>
</tr>
</tbody>
</table>
<h3> subheading 3 </h3>
<p> this section might includes a list </p>
<ul>
<li> key point one. </li>
<li> key point two. </li>
<li> key point three </li>
</ul>
<p> conclusion: summarize the blog post
</p>
</article>
<footer>
<p> © 2024 My Awesome Blog. </p>
</footer>
<script src="script.js"></script>
</body>
</html>
```

## Output:

My Awesome blog

- Home
- About
- Blog
- Contact

The title of my blog post.

published on Aug 27, 2024 by Author Name

a descriptive image related to the blog post

This is the introduction to my blog post.

### Subheading 1:

Here is some detailed content

### Subheading 2:

More detailed about content

### Comparison table:

feature	option A	option B
Price	\$100	\$150
Performance	Good	Excellent
Support	24/7	Business hours

### Subheading 3:

- Keypoint 1
- Keypoint 2
- Keypoint 3

### Conclusion: Summarize the blog post.

© 2024 my awesome Blog. All rights reserved.