Demonstrate different types of CSS.

Source Code:

html
<html></html>
<head></head>
<title>All CSS Types Demonstration</title>
<style></style>

a:hover {

color: red;

}

</style>

</head>

<body>

<!-- Inline CSS -->

<h1 style="text-align: center; color: green;">Inline CSS Example</h1>

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ASHESH NEUPANE

<div id="unique">WELCOME TO ASHESHNEUPANE.COM.NP</div>

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</body>

</html>

Create a web page with a heading and paragraph. Style the heading to be blue and center-aligned.

Source Code:

html
<html></html>
<head></head>
<title>Styled Heading</title>
<style></td></tr><tr><td>h1 {</td></tr><tr><td>color: blue;</td></tr><tr><td>text-align: center;</td></tr><tr><td>}</td></tr><tr><td></style>
<body></body>
<h1>ASHESHNEUPANE.COM.NP</h1>
>Welcome to my website. ASHESHNEUPANE.COM.NP offers important notes and files focusing on IT students

Change the background color of a web page and text color of all paragraphs using CSS.

Source Code:

html
<html></html>
<head></head>
<title>Styled Web Page</title>
<style></td></tr><tr><td>body {</td></tr><tr><td>background-color: yellow;</td></tr><tr><td>}</td></tr><tr><td>p {</td></tr><tr><td>color: green;</td></tr><tr><td>}</td></tr><tr><td></style>
<body></body>
<h1>ASHESHNEUPANE.COM.NP</h1>
Ashesh is a student pursuing a Bachelor of Information Management (BIM) at Tribhuvan University.
Ashesh created this website to share valuable resources and insights with BIM and IT students.

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Apply different font families (e.g., Arial, Times New Roman) and font sizes to headings and paragraphs.

Source Code:

html
<html></html>
<head></head>
<title>Styled Web Page</title>
<style></td></tr><tr><td>h1 {</td></tr><tr><td>font-family: Arial;</td></tr><tr><td>font-size: 36px;</td></tr><tr><td>}</td></tr><tr><td>p {</td></tr><tr><td>font-family: Times New Roman;</td></tr><tr><td>font-size: 18px;</td></tr><tr><td>}</td></tr><tr><td></style>
<body></body>
<h1>ASHESHNEUPANE.COM.NP</h1>
Ashesh is a student pursuing a Bachelor of Information Management (BIM) at Tribhuvan University.
Ashesh created this website to share valuable resources and insights with BIM and IT students.

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Make a list of items and use CSS to change bullet style, spacing, and text color.

Source Code:

html
<html></html>
<head></head>
<title>Styled List</title>
<style></td></tr><tr><td>ul {</td></tr><tr><td>list-style-type: disc;</td></tr><tr><td>margin-left: 20px;</td></tr><tr><td>padding-left: 20px;</td></tr><tr><td>}</td></tr><tr><td>li {</td></tr><tr><td>color: red;</td></tr><tr><td>font-size: 18px;</td></tr><tr><td>margin-bottom: 10px;</td></tr><tr><td>}</td></tr><tr><td></style>
<body></body>
<h1>My Favorite Websites</h1>

highapproach.com
asheshneupane.com.np
google.com
facebook.com
youtube.com

https://www.asheshneupane.com.np/bim

Create a web page with list of items that uses images as bullet points.

Source Code:

html
<html></html>
<head></head>
<title>List with Image Bullets</title>
<style></td></tr><tr><td>ul {</td></tr><tr><td>list-style-type: none;</td></tr><tr><td>padding: 0;</td></tr><tr><td>}</td></tr><tr><td></td></tr><tr><td>li {</td></tr><tr><td>background: url('https://via.placeholder.com/20') no-repeat left center;</td></tr><tr><td>padding-left: 30px;</td></tr><tr><td>font-size: 18px;</td></tr><tr><td>margin-bottom: 10px;</td></tr><tr><td>}</td></tr><tr><td></style>
<body></body>
<h1>My Favorite Websites</h1>

highapproach.com
asheshneupane.com.np
google.com
facebook.com
youtube.com

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Demonstrate text formatting properties.

Source Code:

```
<!DOCTYPE html>
<html>
<head>
 <title>Text Formatting</title>
 <style>
   .dark { font-weight: bold; }
   .italic { font-style: italic; }
   .underline { text-decoration: underline; }
   .uppercase { text-transform: uppercase; }
   .bichma { text-align: center; }
   .rato { color: red; }
   .thulo { font-size: 24px; }
 </style>
</head>
<body>
 Bold text
 Italic text
 Underlined text
 Uppercase text
 Centered text
 Red text
 Big text (24px)
</body>
</html>
```

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Create a div with padding, border, and margin. Demonstrate how each property affects the box.

Source Code:

	_
html	
<html></html>	
<head></head>	
<title>Box Model Example</title>	
<style></td><td></td></tr><tr><td>.box {</td><td></td></tr><tr><td>width: 200px;</td><td></td></tr><tr><td>padding: 20px;</td><td></td></tr><tr><td>border: 5px solid red;</td><td></td></tr><tr><td>margin: 30px;</td><td></td></tr><tr><td>background-color: lightgreen;</td><td></td></tr><tr><td>}</td><td></td></tr><tr><td></style>	
<body></body>	
<div class="box"></div>	
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https://www.asheshneupane.com.np/bim https://www.highapproach.com/bin	1

Style multiple boxes using float and align them side-by-side.

Source Code:

html
<html></html>
<head></head>
<title>Float Example</title>
<style></td></tr><tr><td>.box {</td></tr><tr><td>width: 30%;</td></tr><tr><td>margin: 10px;</td></tr><tr><td>padding: 20px;</td></tr><tr><td>background-color: lightgreen;</td></tr><tr><td>color: white;</td></tr><tr><td>text-align: center;</td></tr><tr><td>float: left;</td></tr><tr><td>box-sizing: border-box;</td></tr><tr><td>}</td></tr><tr><td>.container::after {</td></tr><tr><td>content: "";</td></tr><tr><td>display: block;</td></tr><tr><td>clear: both;</td></tr><tr><td>}</td></tr><tr><td></style>
<body></body>
<h1>Float Example: Multiple Boxes Side by Side</h1>
<div class="container"></div>
<div class="box">Box 1</div>
<div class="box">Box 2</div>
<div class="box">Box 3</div>

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</body>

</html>

Demonstrate selectors to style different elements on the same page.

Source Code:

html
<html></html>
<head></head>
<title>CSS Selectors</title>
<style></td></tr><tr><td>/* 1. Element Selector */</td></tr><tr><td>h1 {</td></tr><tr><td>color: blue;</td></tr><tr><td>}</td></tr><tr><td>/* 2. Class Selector */</td></tr><tr><td>.intro {</td></tr><tr><td>font-style: italic;</td></tr><tr><td>}</td></tr><tr><td>/* 3. ID Selector */</td></tr><tr><td>#special {</td></tr><tr><td>background-color: yellow;</td></tr><tr><td>padding: 10px;</td></tr><tr><td>}</td></tr><tr><td>/* 4. Group Selector */</td></tr><tr><td>h2, p {</td></tr><tr><td>color: green;</td></tr><tr><td>}</td></tr><tr><td></style>
<body></body>
<h1>This is a Heading</h1>
This is an italic paragraph with a class.

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This paragraph has a special background color.

<h2>This is a Subheading</h2>

This is another paragraph with green text.

</body>

</html>

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Create a navigation bar where the active link is styled differently using a class.

Source Code:

html	
<html></html>	
<head></head>	
<title>Navigation Bar</title>	
<style></th><th></th></tr><tr><th>/* Basic styling for the navbar */</th><th></th></tr><tr><th>.navbar {</th><th></th></tr><tr><th>display: flex;</th><th></th></tr><tr><td>background-color: #333;</td><td></td></tr><tr><td>padding: 10px;</td><td></td></tr><tr><td>}</td><td></td></tr><tr><td>.navbar a {</td><td></td></tr><tr><td>color: white;</td><td></td></tr><tr><td>padding: 10px 20px;</td><td></td></tr><tr><td>text-decoration: none;</td><td></td></tr><tr><td>font-weight: bold;</td><td></td></tr><tr><td>}</td><td></td></tr><tr><td>.navbar a:hover {</td><td></td></tr><tr><td>background-color: #575757;</td><td></td></tr><tr><td>}</td><td></td></tr><tr><td>/* Active link styling */</td><td></td></tr><tr><td>.navbar .active {</td><td></td></tr><tr><td>background-color: #04AA6D;</td><td></td></tr><tr><td>color: white;</td><td></td></tr><tr><td></td><td></td></tr><tr><td></style> <td></td>	
<body></body>	
<div class="navbar"></div>	
https://www.asheshneupane.com.np/bim https://www.highapproach.com/bim	

Home

About

Services

Contact

</div>

</body>

</html>

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Use :hover, :visited, and :active pseudo-classes to style anchor tags..

Source Code:

< html	~
<html></html>	
<head></head>	
<title>Pseudo-class Link Styling</title>	
<style></style>	

|--|

</head>

 $<\!\!body\!>$

<h2>Styled Links with Pseudo-classes</h2>

Visit ASHESHNEUPANE

>
>

Visit HighApproach

</body>

</html>

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Demonstrate the overflow property.

Source Code:

html	
<html></html>	
<head></head>	
<title>Overflow Demo</title>	
<style></style>	

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Demonstrate different background properties.

Source Code:

html	
<html></html>	
<head></head>	
<title>Background Properties Demo</title>	
<style></style>	

background-repeat: repeat;

}

.bg-size-cover {

background-image: url('https://via.placeholder.com/300');

background-size: cover;

background-position: center;

}

.bg-size-contain {

background-image: url('https://via.placeholder.com/300');

background-size: contain;

background-repeat: no-repeat;

background-position: center;

```
}
```

.bg-fixed {

background-image: url('https://via.placeholder.com/300');

background-attachment: fixed;

background-size: cover;

background-position: center;

}

</style>

</head>

<body>

<h2>CSS Background Properties Demo</h2>

<div class="box bg-color">

background-color: Solid background color

</div>

<div class="box bg-image">

background-image: Image centered, no repeat

</div>

<div class="box bg-repeat">

background-repeat: Tiled repeating pattern

</div>

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<div class="box bg-size-cover">

background-size: cover; Image fills box, covers entire area

</div>

<div class="box bg-size-contain">

background-size: contain; Image scaled to fit inside box

</div>

<div class="box bg-fixed">

background-attachment: fixed; Image stays fixed on scroll

</div>

</body>

</html>

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Demonstrate different pseudo-element selectors.

Source Code:

html
<html></html>
<head></head>
<style></td></tr><tr><td>p::before {</td></tr><tr><td>content: " 👉 ";</td></tr><tr><td>}</td></tr><tr><td>p::after {</td></tr><tr><td>content: " 🗹 ";</td></tr><tr><td>}</td></tr><tr><td>p::first-letter {</td></tr><tr><td>color: red;</td></tr><tr><td>font-size: 24px;</td></tr><tr><td>}</td></tr><tr><td>p::selection {</td></tr><tr><td>background: yellow;</td></tr><tr><td>}</td></tr><tr><td></style>
<body></body>
This is a demo of pseudo-elements.

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Demonstrate the use of position: relative, absolute, and fixed with a sample layout.

Source Code:

html
<html></html>
<head></head>
<style></style>

}
.fixed-box {
position: fixed;
background: #2ecc71;
color: white;
padding: 10px;
top: 10px;
right: 10px;
}
<body></body>
<div class="container"></div>
<div class="relative-box">Relative Box</div>
<div class="absolute-box">Absolute Box</div>
<div class="fixed-box">Fixed Box</div>

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Hide an element using display: none and then toggle it with a button using simple JavaScript.

Source Code:

html
<html></html>
<head></head>
<style></th></tr><tr><th>#Ashesh {</th></tr><tr><th>width: 200px;</th></tr><tr><th>height: 100px;</th></tr><tr><th>background-color: #3498db;</th></tr><tr><th>color: white;</th></tr><tr><th>display: none;</th></tr><tr><th>padding: 20px;</th></tr><tr><td>margin-top: 10px;</td></tr><tr><td>}</td></tr><tr><th></style>
<body></body>
<button onclick="toggleBox()">View Message</button>
<div id="Ashesh"></div>
Namaste ! Welcome to ASHESHNEUPANE.COM.NP
<script></script>

}	

Style a form with input fields, labels, and a submit button using padding, border, and hover effects.

Source Code:

html
<html></html>
<head></head>
<style></style>

Lab Report – BIM 3rd Semester – Web Technology I

input[type="email"],

input[type="password"] {

width: 100%;

padding: 10px;

margin-bottom: 15px;

border: 1px solid #ccc;

border-radius: 4px;

transition: border-color 0.3s;

}

input[type="text"]:hover, input[type="email"]:hover, input[type="password"]:hover { border-color: #3498db;

}

input[type="submit"] {
 background-color: #3498db;
 color: white;
 padding: 10px 15px;
 border: none;
 border-radius: 4px;
 cursor: pointer;
 transition: background-color 0.3s;
}
input[type="submit"]:hover {
 background-color: #2980b9;
}

</style>

</head>

<body>

<div class="form-container">

<form>

<label for="name">Name</label>

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<input type="text" id="name" placeholder="Enter your name">

<label for="email">Email</label>

<input type="email" id="email" placeholder="Enter your email">

<label for="password">Password</label>

<input type="password" id="password" placeholder="Enter password">

<input type="submit" value="Submit">

</form>

</div>

</body>

</html>

Use CSS to make input fields change border color when they are focused.

Source Code:

html
<html></html>
<head></head>
<title>Input Focus Border Color</title>
<style></td></tr><tr><td>input {</td></tr><tr><td>padding: 10px;</td></tr><tr><td>border: 2px solid #ccc;</td></tr><tr><td>border-radius: 4px;</td></tr><tr><td>font-size: 16px;</td></tr><tr><td>width: 100%;</td></tr><tr><td>box-sizing: border-box;</td></tr><tr><td>}</td></tr><tr><td>input:focus {</td></tr><tr><td>border-color: #4CAF50;</td></tr><tr><td>outline: none;</td></tr><tr><td>}</td></tr><tr><td></style>
<body></body>
<h1>Focus Border Color Change Example</h1>
<form></form>
<label for="username">Username:</label>
<input id="username" name="username" placeholder="Enter your username" type="text"/>
<label for="password">Password:</label>
input type="password" id="password" name="password" placeholder="Enter your password">
- M

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</html>

Demonstrate different types of positioning in CSS.

Source Code:

<html> <head> <title>CSS Positioning Examples</title></head></html>
<head> <title>CSS Positioning Examples</title></head>
<title>CSS Positioning Examples</title>
<style></style>

```
width: 100px;
       height: 100px;
       background-color: lightcoral;
       position: absolute;
       top: 30px;
       left: 30px;
    }
    .fixed {
       width: 100px;
       height: 100px;
       background-color: lightgoldenrodyellow;
       position: fixed;
       top: 20px;
       right: 20px;
  </style>
</head>
<body>
  <div class="container">
    <div class="static">Static</div>
    <div class="relative">Relative</div>
    <div class="absolute">Absolute</div>
  </div>
  <div class="fixed">Fixed</div>
</body>
</html>
```

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Create a responsive page using media queries that changes layout for screens smaller than 768px.

Source Code:

html	
<html></html>	
<head></head>	
<title>Responsive Page</title>	
<style></style>	

```
border: 1px solid #ddd;
  }
  .sidebar {
   flex: 1;
   background-color: #eee;
   padding: 20px;
   border: 1px solid #ccc;
  }
  @media (max-width: 768px) {
   .container {
    flex-direction: column;
   }
   .main-content,
   .sidebar {
    width: 100%;
   j
  }
</style>
</head>
<body>
<header>
  <h1>Responsive Page</h1>
 </header>
 <div class="container">
  <div class="main-content">
   <h2>ASHESH NEUPANE WEBSITE</h2>
   ASHESHNEUPANE.COM.NP
  </div>
  <div class="sidebar">
   <h3>HIGHAPPROACH</h3>
   HIGHAPPROACH.COM
  </div>
```

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<footer></footer>	
All Rights Reserved: ASHES	SH NEUPANE
https://www.asheshneupo	ane.com.np/bim https://www.highapproach.com/bim

Make an image responsive using max-width: 100% and height: auto.

Source Code:

html
<html></html>
<head></head>
<title>Responsive Image</title>
<style></th></tr><tr><th>body {</th></tr><tr><th>font-family: Arial;</th></tr><tr><th>margin: 0;</th></tr><tr><th>padding: 20px;</th></tr><tr><th>}</th></tr><tr><th>.image-container {</th></tr><tr><th>width: 90%;</th></tr><tr><th>max-width: 800px;</th></tr><tr><th>margin: 0 auto;</th></tr><tr><th>border: 1px solid #ccc;</th></tr><tr><th>padding: 10px;</th></tr><tr><th>text-align: center;</th></tr><tr><th>}</th></tr><tr><th>.image-container img {</th></tr><tr><th>max-width: 100%;</th></tr><tr><th>height: auto;</th></tr><tr><th>display: block;</th></tr><tr><th>margin: 0 auto;</th></tr><tr><th>}</th></tr><tr><th></style>
<body></body>
<div class="image-container"></div>
<h2>Responsive Image Demo</h2>

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</div>

</body>

</html>

Demonstrate the z-index property.

Source Code:

<html> <head> <title>z-index Example</title> <style> .box {</th></tr><tr><td><head> <title>z-index Example</title> <style> .box {</td></tr><tr><td><title>z-index Example</title> <style> .box {</td></tr><tr><td><style> .box {</td></tr><tr><td>.box {</td></tr><tr><td></td></tr><tr><td>width: 200px;</td></tr><tr><td>height: 200px;</td></tr><tr><td>position: absolute;</td></tr><tr><td>}</td></tr><tr><td>.box1 { background-color: red; top: 50px; left: 50px; z-index: 1; }</td></tr><tr><td>.box2 { background-color: green; top: 100px; left: 100px; z-index: 3; }</td></tr><tr><td>.box3 { background-color: blue; top: 150px; left: 150px; z-index: 2; }</td></tr><tr><td></style></head></html>
<body></body>
<div class="box box1"></div>
<div class="box box2"></div>
<div class="box box3"></div>

https://www.asheshneupane.com.np/bim