

## **AIM: Create a web page using structure tags to display a sample message**

### **Code:**

```
<!doctype html>
<html>
<head>
    <title> </title>
</head>
<body bgcolor="#E0E0E0">
    <h1> <center> MAGGIE RECIPE! </center> </h1>
    <hr>
    <h3> Ingredients Needed: </h3>
    <pre>
1) 2 Packs of Maggie
2) Finely Diced white Onion (1 bulb)
3) 1 Chopped Tomato
4) 1 tbsp Ginger-Garlic Paste
5) 2 tbsp Soy sauce
6) Salt, red chilli powder, Black Pepper, Dried mango Powder
7) Vegetable Oil
    </pre>
    <h3> Directions: </h3>
    <pre>
<h5> <u> Step-1 </u> </h5> Boil the maggie till it's half cooked and drain it while saving about
half a cup of the starchy water.

<h5> <u> Step-2 </u> </h5> In a different pan, heat the oil and add the ginger-garlic paste. Stir
it around a bit till aromatic and add the onions and tomato.

<h5> <u> Step-3 </u> </h5> Saute them around till the tomato starts to sweat and add the
spices according to taste.

<h5> <u> Step-4 </u> </h5> Stir fry the mix a lil to get the flavour out and pour the starch water
we saved some time ago.
```

<h5> <u> Step-5 </u> </h5> Let it come to a rolling boil before adding our half cooked noodles. Mix and toss them to thoroughly coat every single strand.

<h5> <u> Step-6 </u> </h5> Pour the soy sauce around the edges of the pan and mix it a lil.

<h5> <u> Step-7 </u> </h5> Serve it while it's hot with a garnish of thinly sliced cucumber or cabbage on top.

<h5> <u> Tip </u> Add cheese or a tbsp of heavy cream (whatever you prefer) for a smoother, creamier texture.

</pre>



</body>

</html>

## MAGGIE RECIPE!

### Ingredients Needed:

- 1) 2 Packs of Maggie
- 2) Finely Diced white Onion (1 bulb)
- 3) 1 Chopped Tomato
- 4) 1 tbsp Ginger-Garlic Paste
- 5) 2 tbsp Soy sauce
- 6) Salt, red chilli powder, Black Pepper, Dried mango Powder
- 7) Vegetable Oil

### Directions:

#### Step-1

Boil the maggie till it's half cooked and drain it while saving about half a cup of the starchy water.

#### Step-2

In a different pan, heat the oil and add the ginger-garlic paste. Stir it around a bit till aromatic and add the onions and tomato.

#### Step-3

Saute them around till the tomato starts to sweat and add the spices according to taste.

#### Step-4

Stir fry the mix a lil to get the flavour out and pour the starch water we saved some time ago.

#### Step-5

Let it come to a rolling boil before adding our half cooked noodles. Mix and toss them to thoroughly coat every single strand.

#### Step-6

Pour the soy sauce around the edges of the pan and mix it a lil.

#### Step-7

Serve it while it's hot with a garnish of thinly sliced cucumber or cabbage on top.

Tip Add cheese or a tbsp of heavy cream (whatever you prefer) for a smoother, creamier texture.



## Aim: Implementation of ordered and unordered list tags

### Code:

```
<!doctype html>
<html>
<head>
</head>

<body bgcolor = "E0E0E0">
    <h1> <center> Appetizers! </center> </h1>
    <hr>
    <pre>
    <ul>
        <li>Samosa 20/-</li>
        <li>Khaman Dhokla 90/-</li>
        <li>Pakora Platter 140/-</li>
        <li>Paneer Tikka 140/-</li>
        <li>Chicken Tandoori 200/-</li>
        <li>Seekh kebab 180/-</li>
        <li>Aloo Tikki 50/-</li>
        <li>Bhel Puri 45/-</li>
        <li>Papdi Chaat 50/-</li>
        <li>Gobi 65 175/-</li>
        <li>Chicken 65 220/-</li>
        <li>Chilli Paneer 150/-</li>
        <li>Idli Sambhar 60/-</li>
        <li>Masala Vada 50/-</li>
    </ul>
    </pre>

    <h1> <center> Main Course! </center> </h1>
    <hr>
    <pre>
    <ul>
        <li> <b> <u>Paneer Dishes </u> </b> </li>
        <ol>
            <li>Palak Paneer 210/-</li>
            <li>Paneer Butter Masala 210/-</li>
            <li>Paneer do pyaza 200/-</li>
            <li>Shahi Paneer 240/-</li>
            <li>Malai Paner 310/-</li>
            <li>Kadhai Paneer 210/-</li>
        </ol>
        <li> <b> <u>Lentil Dishes </u> </b> </li>
```

<ol>	
<li>Dal Makhani	175/-</li>
<li>Dal Tadka	160/-</li>
<li>Dal Fry	190/-</li>
<li>Chana Dal	150/-</li>
<li>Gujrati Dal	200/-</li>
<li>Dal Palak	150/-</li>

</ol>

<li> <b> <u>Chicken dishes </u> </b> </li>

<ol>	
<li>Butter Chicken	350/-</li>
<li>Chicken Tikka Masala	315/-</li>
<li>Tandoori chicken	320/-</li>
<li>Chicken Biryani	385/-</li>
<li>Kadhai chicken	330/-</li>
<li>Chicken 65	350/-</li>
<li>Chilli Chicken	350/-</li>

</ol>

<li> <b> <u>Tandoori Meats </u> </b> </li>

<ol>	
<li>Tandoori Fish Tikka	400/-</li>
<li>Mutton Seekh kebab	410/-</li>
<li>Marinated Tandoori Platter	550/-</li>

</ol>

<li> <b> <u>Breads</u> </b> </li>

<ol>	
<li>Naan	35/-</li>
<li>Roti	15/-</li>
<li>Parantha	25/-</li>

</ol>

</ul>

</pre>

<h1> <center> Beverages! </center> </h1>

<hr>

<pre>

|                     |           |
|---------------------|-----------|
| <ul>                |           |
| <li>Lassi           | 60/-</li> |
| <li>Masala Chaas    | 70/-</li> |
| <li>Thandai         | 80/-</li> |
| <li>Fresh Lime Soda | 90/-</li> |
| <li>Jal Jeera       | 90/-</li> |

<li>Rose Milk

110/-</li>

</ul>  
</pre>

<h1> <center> Sweet Dishes! </center> </h1>

<hr>  
<pre>  
<ul>

- <li>Gulab Jamun 35/-</li>
- <li>ChocolateFudge 210/-</li>
- <li>Carrot Cake 240/-</li>
- <li>Kulfi 75/-</li>
- <li>Rice Pudding 110/-</li>

</ul>  
</pre>

**Result:**

Appetizers!		
• Samosa	20/-	
• Khaman Dhokla	90/-	
• Pakora Platter	140/-	
• Paneer Tikka	140/-	
• Chicken Tandoori	200/-	
• Seekh kebab	180/-	
• Aloo Tikki	50/-	
• Bhel Puri	45/-	
• Papdi Chaat	50/-	
• Gobi 65	175/-	
• Chicken 65	220/-	
• Chilli Paneer	150/-	
• Idli Sambhar	60/-	
• Masala Vada	50/-	

## Main Course!

- Paneer Dishes

1. Palak Paneer	210/-
2. Paneer Butter Masala	210/-
3. Paneer do pyaza	200/-
4. Shahi Paneer	240/-
5. Malai Paner	310/-
6. Kadhai Paneer	210/-

- Lentil Dishes

1. Dal Makhani	175/-
2. Dal Tadka	160/-
3. Dal Fry	190/-
4. Chana Dal	150/-
5. Gujrati Dal	200/-
6. Dal Palak	150/-

- Chicken dishes

1. Butter Chicken	350/-
2. Chicken Tikka Masala	315/-
3. Tandoori chicken	320/-
4. Chicken Biryani	385/-
5. Kadhai chicken	330/-
6. Chicken 65	350/-
7. Chilli Chicken	350/-

- Tandoori Meats

1. Tandoori Fish Tikka	400/-
2. Mutton Seekh kebab	410/-
3. Marinated Tandoori Platter	550/-

- Breads

1. Naan	35/-
2. Roti	15/-
3. Parantha	25/-

## Beverages!

▪ Lassi	60/-
▪ Masala Chaas	70/-
▪ Thandai	80/-
▪ Fresh Lime Soda	90/-
▪ Jal Jeera	90/-
▪ Rose Milk	110/-

## Sweet Dishes!

▪ Gulab Jamun	35/-
▪ Chocolate Fudge	210/-
▪ Carrot Cake	240/-
▪ Kulfi	75/-
▪ Rice Pudding	110/-

## **Aim:** Utilization of style tag and some format tags

### **Code:**

```
<!DOCTYPE html>
<html>
<head>
  <title>Pyramids of Giza</title>
  <style>
    h1 {
      text-align: center;
    }
    img {
      display: block;
      margin: 0 auto;
    }
  </style>
</head>
<body bgcolor=E0E0E0>
  <h1>Pyramids of Giza</h1>
  
  <pre><p style="background-color: blanchedalmond;">
    The <b>Pyramids of Giza</b> are ancient monuments near Cairo, Egypt.<br>
    They were built over 4,500 years ago as royal tombs for the pharaohs Khufu, Khafre, and Menkaure.
    The largest pyramid, built for Khufu, is the <b>Great Pyramid</b>.<br>
    All three pyramids are made of limestone blocks and are known for their huge size and perfect shape.
    When first built, the pyramids were covered in a smooth, fine white limestone casing, causing them to
    gleam in the sun.
    The Pyramids of Giza are the <b>last surviving Wonder of the Ancient World</b> and symbolize the
    brilliance of ancient Egyptian culture.
    The Giza complex also features the Great Sphinx, a famous statue that is part of the overall pyramid
    complex.
  </p> </pre>
</body>
</html>
```

### **Result:**



# Pyramids of Giza



The **Pyramids of Giza** are ancient monuments near Cairo, Egypt.

They were built over 4,500 years ago as royal tombs for the pharaohs Khufu, Khafre, and Menkaure.

The largest pyramid, built for Khufu, is the **Great Pyramid**.

All three pyramids are made of limestone blocks and are known for their huge size and perfect shape.

When first built, the pyramids were covered in a smooth, fine white limestone casing, causing them to gleam in the sun.

The Pyramids of Giza are the **last surviving Wonder of the Ancient World** and symbolize the brilliance of ancient Egyptian culture.

The Giza complex also features the Great Sphinx, a famous statue that is part of the overall pyramid complex.

## Aim: Understanding table tag

### Code:

```
<!DOCTYPE html>
<html>

<head>

  <title>Time Table</title>

  <style>

    table
    {
      text-align: center;
    }
  </style>
</head>

<body>

  <table border="6">

    <tr>

      <th> Day</th></th>

      <th>8-9 AM</th>

      <th>9-10 AM</th>

      <th>10-11 AM</th>

      <th>11-12 PM</th>

      <th>12-1 PM</th>

      <th>1-2 PM</th>

      <th>2-3 PM</th>

      <th>3-4 PM</th>

      <th>4-5 PM</th>

      <th>5-6 PM</th>

    </tr>

    <tr>

      <td>Monday</td>

      <td colspan=2>C101</td><td colspan=2>AM101</td><td colspan=2></td>

      <td colspan=2>EC105</td><td colspan=2></td>

    </tr>

  </table>

</body>

</html>
```

```
</tr>

<tr>

<td>Tuesday</td>

<td colspan=2>AEC/VAC</td><td>EC105</td><td></td><td></td><td></td>

<td>CO101 (P)</td><td></td><td></td> <td></td>

</tr>

<tr>

<td>Wednesday</td>

<td>CY103</td><td></td><td colspan=2>CY103 (L)</td><td></td><td></td>

<td colspan=2>CO103 (L)</td><td colspan=2>Zero Hour</td>

</tr>

<tr>

<td>Thursday</td>

<td colspan=2>AEC/VAC</td><td></td><td>CO101</td><td>CO103</td><td></td>

<td></td><td></td><td></td><td></td>

</tr>

<tr>

<td>Friday</td>

<td></td><td></td><td></td><td colspan=2>AM101</td><td></td>

<td colspan=2>CO103</td><td colspan=2>EC105 (L)</td>

</tr>

</table>

</body>

</html>
```

**Output:**

Day	8-9 AM	9-10 AM	10-11 AM	11-12 PM	12-1 PM	1-2 PM	2-3 PM	3-4 PM	4-5 PM	5-6 PM
Monday	C101		AM101				EC105			
Tuesday	AEC/VAC		EC105				CO101 (P)			
Wednesday	CY103		CY103 (L)				CO103 (L)		Zero Hour	
Thursday	AEC/VAC			CO101	CO103					
Friday				AM101			CO103		EC105 (L)	

## Aim: Displaying an image in different formats


### Code:

```
<!DOCTYPE html>
<html>
  <head>
    <title> Applying various attributes to an image</title>
  </head>
  <body style="background-color: #e0e0e0;">
    <h2 style="text-align: center;"> Displaying images in various ways</h2>
    <hr>
    <p>
      Displaying the alternate text when the image is not found:
    <br>
    
  </p>
  <p>
    Displaying the image with height and width attributes
  <br>
  
  </p>
  <p>
    Displaying an image by specifying the url
  <br>
  <img src ="https://images.unsplash.com/photo-1669729026928-
36afe1390851?q=80&w=880&auto=format&fit=crop&ixlib=rb-
4.1.0&ixid=M3wxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8fA%3D%3D" alt="Panaromic view of
moon" height="300" width="500">
  </p>
  <p>
    Displaying an image as a detailed description about it
  <br>
  <a href="https://simple.wikipedia.org/wiki/Moon">  </a>
  </p>
  <p>
    Specifying image with Absolute Address
  <br>
  
  <br>
  </p>
  <p>
    Specifying image with Relative Address
  <br>
  
```

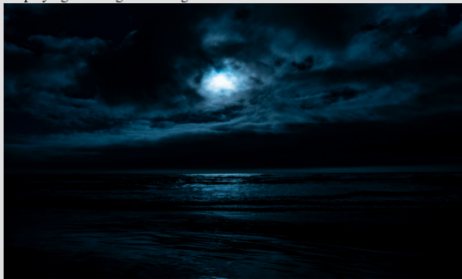
```
</p>
</body>
</html>
```

**Output:**


Displaying images in various ways

Displaying the alternate text when the image is not found:  
Panaromic view of moon

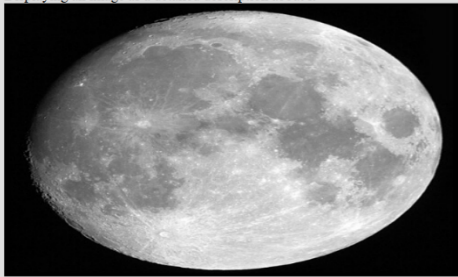
Displaying the image with height and width attributes




Displaying an image by specifying the url



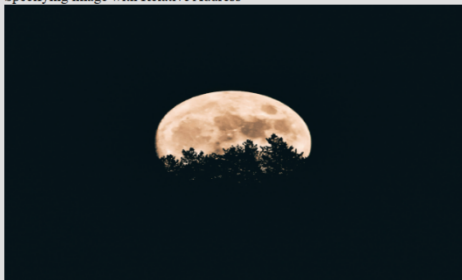
Displaying an image as a detailed description about it



Specifying image with Absolute Address



Specifying image with Relative Address



## Aim: Designing a simple to create an e-mail account

### Code:

```
<!DOCTYPE html>
<html>
<head>
  <title>Email Account Creation Form</title>
</head>
<body style="font-family: Arial; background: #f2f2f2; padding: 40px;">
  <h2 style="color: #333; text-align:center;">Create Your Email Account</h2>
  <form style="background: #fff; border: 1px solid #ccc; padding: 24px;">
    <label for="fullname" >Full Name:</label>
    <input type="text" id="fullname" name="fullname" >

    <label for="email" >Email Address:</label>
    <input type="email" id="email" name="email" >

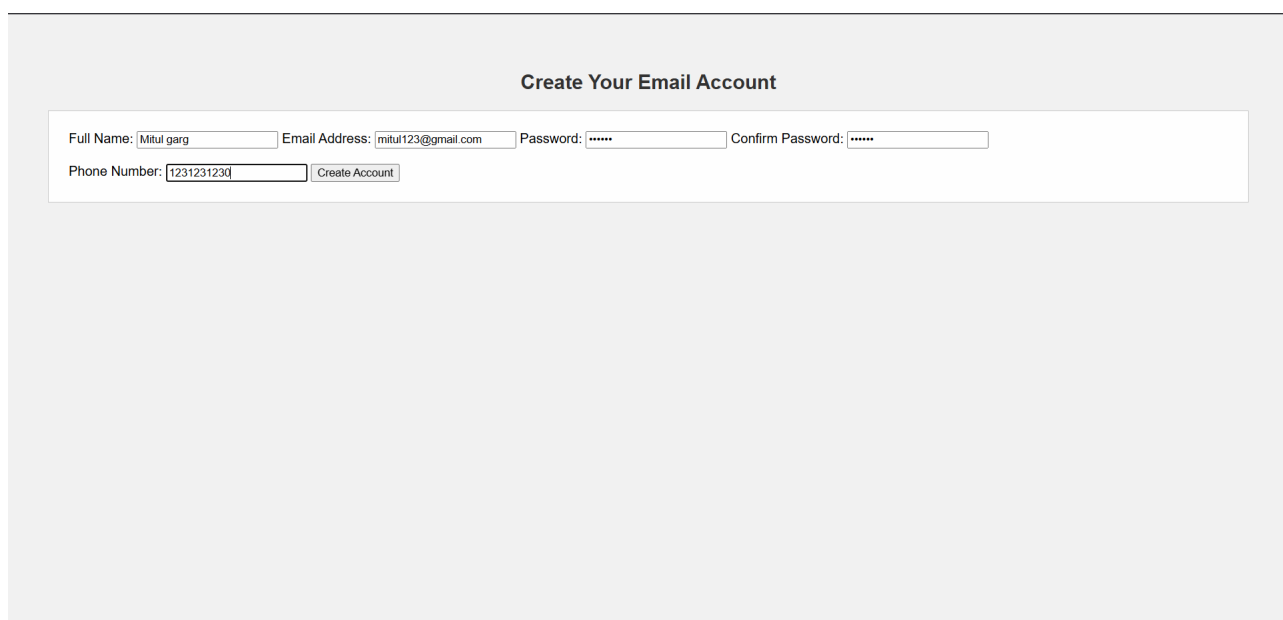
    <label for="password" >Password:</label>
    <input type="password" id="password" name="password" >

    <label for="confirm" >Confirm Password:</label>
    <input type="password" id="confirm" name="confirm" >
    <br> <br>

    <label for="phone" >Phone Number:</label>
    <input type="tel" id="phone" name="phone" >

    <input type="submit" value="Create Account" >
  </form>
</body>
</html>
```

### Output:



**Create Your Email Account**

Full Name:  Email Address:  Password:  Confirm Password:

Phone Number:

**Aim:** Web page to link :

- a) A different web page of the same site.
- b) A different location on the same web page
- c) A specific location on the different web page of the same site.

**Code:**

Code for the first file:

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
  </head>
```

```
  <body>
```

```
    <h4><u> Contents </u></h4>
```

```
    <ul>
```

```
      <li> <a href="#a">Bridging geographical distances</a></li>
```

```
      <li><a href="#b"> Building and empowering communities</a></li>
```

```
      <li><a href="#c">Enhancing communication and emotional support </a></li>
```

```
      <li><a href="#d"> Fostering creativity and learning</a></li>
```

```
    </ul>
```

```
  <h1>The Positive Connections of Social Media</h1>
```

<p>Social media, when used mindfully, serves as a powerful instrument for fostering positive human connections.

Rather than merely a source of distraction, these platforms can transcend geographical barriers, build communities

, and offer crucial support systems, ultimately enriching our relationships and expanding our social world.</p>

```
  <h2>Bridging geographical distances</h2>
```

```
  <p id="a">One of social media's most significant achievements is its ability to shrink the globe.
```

Family and friends who are separated by continents can remain an active part of each other's lives through instant

messaging, video calls, and photo sharing. This constant connection helps maintain relationships that might have otherwise

faded due to distance, ensuring that loved ones stay emotionally connected despite the miles between them.</p>

```
  <h2>Building and empowering communities</h2>
```

```
  <p id="b">Social media allows people to discover and connect with like-minded individuals, creating vibrant communities
```

built around shared interests, hobbies, and goals. From niche fan groups to support networks for specific health conditions,

these online communities provide a sense of belonging and solidarity that can be especially valuable for people who feel isolated

in their offline lives. By offering a platform for sharing experiences, social media empowers marginalized voices and amplifies

```
  movements for social change, proving that collective voices hold power.</p>
```

```
  <h2>Enhancing communication and emotional support</h2>
```

```
  <p id="c">For many, social media provides a comfortable space to engage in conversations that might be difficult face-to-face. It offers a
```

lifeline for those who struggle with social anxiety or simply need a safe, anonymous place to seek support and encouragement.



By allowing users to find empathy from others who have gone through similar struggles, social media can strengthen emotional bonds and provide a crucial support system.</p>

## <h2>Fostering creativity and learning</h2>

<p id="d">Social media serves as a global stage for creative expression, enabling individuals to share their artistic pursuits, writing, and music with a vast audience. Beyond a creative outlet, it also offers endless educational opportunities. Users can access tutorials, online courses, and informative content, empowering them to learn new skills or deepen their knowledge in a variety of fields. This shared pursuit of knowledge and skill-building can also forge stronger bonds among people with common intellectual curiosities.</p>

<p>In sum, when approached with intentionality and balance, social media's capacity for good is immense.

It is a tool that allows us to build and maintain relationships across great distances, form supportive communities, and find our voice in a global conversation. By focusing on its power to connect rather than its potential to divide, we can continue to harness social media's positive potential for human connection.</p>

To learn about the negatives of social media <a href="b.html"> click here.</a>

It contains:

<ul>

- <li> <a href="b.html#f"> The Mental Health Crisis</a></li>
- <li><a href="b.html#g">Erosion of Authentic Connection</a></li>
- <li><a href="b.html#h">Spread of Misinformation and Echo Chambers</a></li>
- <li><a href="b.html#i">Cyberbullying and Privacy Risks</a></li>
- <li><a href="b.html#j">Addictive Nature of Platforms</a></li>

</body>

</html>

Code for second file:

<!DOCTYPE html>

<html>

<head>

</head>

<body>

## <h1>The Negative Impact of Social Media</h1>

<p id="e">While social media promises connection, its pervasive and uncritical use can lead to serious negative consequences,

from mental health issues and addiction to the erosion of genuine human interaction and the spread of misinformation.

By examining the darker side of these platforms, we can better understand the societal and individual costs that

often go overlooked in the rush for digital engagement.</p>

## <h2>The Mental Health Crisis</h2>

<p id="f">Social media has been linked to a rise in mental health problems, particularly among adolescents and young adults.

Constant exposure to carefully curated, idealized lives creates a cycle of upward social comparison, leading to

feelings of inadequacy, envy, and low self-esteem. This "compare and despair" cycle, amplified by the pressure to present a perfect online persona, can significantly contribute to anxiety and depression.

## The Erosion of Authentic Connection

The very platforms designed to connect us can paradoxically increase feelings of loneliness and isolation.

The sheer volume of digital interactions often replaces deeper, face-to-face relationships, which are essential

for mental well-being. This shift can lead to superficial connections and a decline in meaningful interpersonal

skills, as users prioritize their online interactions over real-world engagement.

## The Spread of Misinformation and Echo Chambers

Social media algorithms are designed to maximize engagement, often by feeding users more of what they already

agree with. This creates echo chambers where users are only exposed to information that confirms their existing

beliefs, making them more susceptible to misinformation and disinformation. The viral nature of social media

allows false or misleading narratives to spread rapidly, distorting public discourse and eroding trust in credible information sources.

## Cyberbullying and Privacy Risks

Social media provides a fertile ground for cyberbullying and online harassment, with individuals often hiding behind

anonymity to inflict emotional harm. The pervasive nature of these platforms means that harassment can be relentless,

with no safe space for escape. Additionally, social media platforms continuously collect vast amounts of personal

user data, raising significant privacy concerns and exposing users to risks like targeted advertising, data breaches,

and identity theft.

## The Addictive Nature of Platforms

Social media is engineered to be addictive, utilizing psychological triggers such as variable reward systems to

create a dopamine-driven feedback loop. This leads to compulsive checking and endless scrolling, which can result

in decreased productivity, disrupted sleep, and an inability to focus on real-world tasks.

In conclusion, while social media offers certain advantages, its negative aspects present a formidable challenge

to individual well-being and a healthy society. Addressing these issues requires a critical approach to how we

engage with technology, prioritizing mental health, fostering authentic connections, and demanding greater

accountability from the platforms that shape our digital lives.

**Output:**

## Contents

- [Bridging geographical distances](#)
- [Building and empowering communities](#)
- [Enhancing communication and emotional support](#)
- [Fostering creativity and learning](#)

# The Positive Connections of Social Media

Social media, when used mindfully, serves as a powerful instrument for fostering positive human connections. Rather than merely a source of distraction, these platforms can transcend geographical barriers, build communities , and offer crucial support systems, ultimately enriching our relationships and expanding our social world.

## Bridging geographical distances

One of social media's most significant achievements is its ability to shrink the globe. Family and friends who are separated by continents can remain an active part of each other's lives through instant messaging, video calls, and photo sharing. This constant connection helps maintain relationships that might have otherwise faded due to distance, ensuring that loved ones stay emotionally connected despite the miles between them.

## Building and empowering communities

Social media allows people to discover and connect with like-minded individuals, creating vibrant communities built around shared interests, hobbies, and goals. From niche fan groups to support networks for specific health conditions, these online communities provide a sense of belonging and solidarity that can be especially valuable for people who feel isolated in their offline lives. By offering a platform for sharing experiences, social media empowers marginalized voices and amplifies movements for social change, proving that collective voices hold power.

## Enhancing communication and emotional support

For many, social media provides a comfortable space to engage in conversations that might be difficult face-to-face. It offers a lifeline for those who struggle with social anxiety or simply need a safe, anonymous place to seek support and encouragement. By allowing users to find empathy from others who have gone through similar struggles, social media can strengthen emotional bonds and provide a crucial support system.

## Fostering creativity and learning

Social media serves as a global stage for creative expression, enabling individuals to share their artistic pursuits, writing, and music with a vast audience. Beyond a creative outlet, it also offers endless educational opportunities. Users can access tutorials, online courses, and informative content, empowering them to learn new skills or deepen their knowledge in a variety of fields. This shared pursuit of knowledge and skill-building can also forge stronger bonds among people with common intellectual curiosities.

In sum, when approached with intentionality and balance, social media's capacity for good is immense. It is a tool that allows us to build and maintain relationships across great distances, form supportive communities, and find our voice in a global conversation. By focusing on its power to connect rather than its potential to divide, we can continue to harness social media's positive potential for human connection.

To learn about the negatives of social media [click here](#). It contains:

- [The Mental Health Crisis](#)
- [Erosion of Authentic Connection](#)
- [Spread of Misinformation and Echo Chambers](#)
- [Cyberbullying and Privacy Risks](#)
- [Addictive Nature of Platforms](#)

---

# The Negative Impact of Social Media

While social media promises connection, its pervasive and uncritical use can lead to serious negative consequences, from mental health issues and addiction to the erosion of genuine human interaction and the spread of misinformation. By examining the darker side of these platforms, we can better understand the societal and individual costs that often go overlooked in the rush for digital engagement.

## The Mental Health Crisis

Social media has been linked to a rise in mental health problems, particularly among adolescents and young adults. Constant exposure to carefully curated, idealized lives creates a cycle of upward social comparison, leading to feelings of inadequacy, envy, and low self-esteem. This "compare and despair" cycle, amplified by the pressure to present a perfect online persona, can significantly contribute to anxiety and depression.

## The Erosion of Authentic Connection

The very platforms designed to connect us can paradoxically increase feelings of loneliness and isolation. The sheer volume of digital interactions often replaces deeper, face-to-face relationships, which are essential for mental well-being. This shift can lead to superficial connections and a decline in meaningful interpersonal skills, as users prioritize their online interactions over real-world engagement.

## The Spread of Misinformation and Echo Chambers

Social media algorithms are designed to maximize engagement, often by feeding users more of what they already agree with. This creates echo chambers where users are only exposed to information that confirms their existing beliefs, making them more susceptible to misinformation and disinformation. The viral nature of social media allows false or misleading narratives to spread rapidly, distorting public discourse and eroding trust in credible information sources.

## Cyberbullying and Privacy Risks

Social media provides a fertile ground for cyberbullying and online harassment, with individuals often hiding behind anonymity to inflict emotional harm. The pervasive nature of these platforms means that harassment can be relentless, with no safe space for escape. Additionally, social media platforms continuously collect vast amounts of personal user data, raising significant privacy concerns and exposing users to risks like targeted advertising, data breaches, and identity theft.

## The Addictive Nature of Platforms

Social media is engineered to be addictive, utilizing psychological triggers such as variable reward systems to create a dopamine-driven feedback loop. This leads to compulsive checking and endless scrolling, which can result in decreased productivity, disrupted sleep, and an inability to focus on real-world tasks.

In conclusion, while social media offers certain advantages, its negative aspects present a formidable challenge to individual well-being and a healthy society. Addressing these issues requires a critical approach to how we engage with technology, prioritizing mental health, fostering authentic connections, and demanding greater accountability from the platforms that shape our digital lives.

## Aim: Displaying functionality of using external CSS

### Code:

Code of HTML file:

```
<!DOCTYPE html>
<html>
<head>
  <title>Nature</title>
  <link rel="stylesheet" href="b.css">
</head>
<body>
  <h1>The Beauty of Nature</h1>
  <p>
    Nature is an incredible gift that surrounds us every day. From towering trees in forests to calm rivers and colorful flowers, nature fills our world with beauty and wonder. It provides a peaceful escape from busy city life and reminds us to appreciate the simple things.
  </p>
  <p>
    All living creatures, including humans, depend on nature for air, water, and food. Spending time outdoors helps us relax and feel connected to the environment. Taking care of nature is important so that future generations can enjoy its beauty and resources, too.
  </p>
  <p>
    The changing seasons show the diversity of nature. In spring, plants bloom with new life, while autumn paints the leaves with vibrant colors. Each season brings its own sights and experiences, making nature interesting all year round.
  </p>
  <p>
    Protecting nature is everyone's responsibility. Small actions like planting trees, reducing waste, and conserving water help keep the environment healthy. By respecting nature, we make the world a better place for every living being.
  </p>
</body>
</html>
```

Code of CSS file:

```
body {
  line-height: 1.6;
  margin: 20px;
  background-color: #e6f2ff;
  color: #333333;
}

h1 {
  color: #2e8b57;
  text-align: center;
  margin-bottom: 20px;
}

p {
  color: darkblue;
```

```
font-size: 16px;
margin-bottom: 15px;
width: 75%;
text-align: justify;
}
```

### **Output:**

## The Beauty of Nature

Nature is an incredible gift that surrounds us every day. From towering trees in forests to calm rivers and colorful flowers, nature fills our world with beauty and wonder. It provides a peaceful escape from busy city life and reminds us to appreciate the simple things.

All living creatures, including humans, depend on nature for air, water, and food. Spending time outdoors helps us relax and feel connected to the environment. Taking care of nature is important so that future generations can enjoy its beauty and resources, too.

The changing seasons show the diversity of nature. In spring, plants bloom with new life, while autumn paints the leaves with vibrant colors. Each season brings its own sights and experiences, making nature interesting all year round.

Protecting nature is everyone's responsibility. Small actions like planting trees, reducing waste, and conserving water help keep the environment healthy. By respecting nature, we make the world a better place for every living being.

**Aim:** Displaying text on top of an image using overlay

**Code:**

```
<!DOCTYPE html>

<html>

<head>

<style>

body {

    background-color: bisque;

}


.container {

    position: relative;

    width: 50%;

    margin: 0 auto;

}


.image {

    display: block;

    width: 100%;

    height: auto;

}


.overlay {

    position: absolute;

    top: 0;

    bottom: 0;

    left: 0;

    right: 0;

    height: 100%;

    width: 100%;

    opacity: 0;

    transition: .5s ease;

    background-color: #008CBA;

}
```

```
.container:hover .overlay {  
  opacity: 1;  
}
```

```
.text {  
  color: white;  
  font-size: 20px;  
  position: absolute;  
  top: 50%;  
  left: 50%;  
  text-align: center;  
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<h2>Overlay</h2>
```

```
<p>There's something hidden in the image.</p>
```

```
<div class="container">
```

```
  
```

```
  <div class="overlay">
```

```
    <div class="text">Web Dev!</div>
```

```
  </div>
```

```
</div>
```

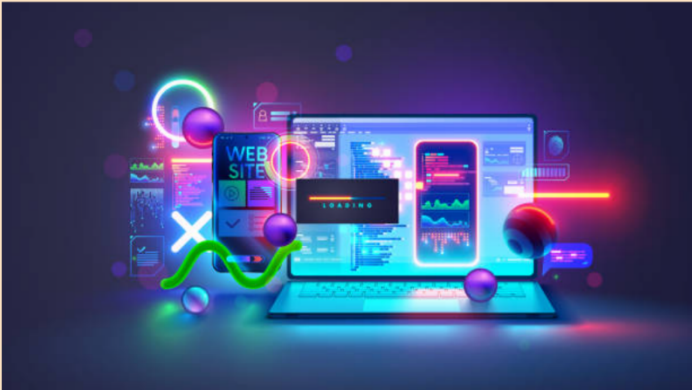
```
</body>
```

```
</html>
```

**Output:**

Overlay

There's something hidden in the image.



Overlay

There's something hidden in the image.





## Aim: Changing the styling of text selection

### Code:

HTML file:

```
<!DOCTYPE html>
<html>
<head>
  <title>Nature</title>
  <link rel="stylesheet" href="selection.css">
</head>
<body>
  <h1>The Beauty of Nature</h1>
  <p>
    Nature is an incredible gift that surrounds us every day. From towering trees in forests to calm rivers and colorful flowers, nature fills our world with beauty and wonder. It provides a peaceful escape from busy city life and reminds us to appreciate the simple things.
  </p>
  <p>
    All living creatures, including humans, depend on nature for air, water, and food. Spending time outdoors helps us relax and feel connected to the environment. Taking care of nature is important so that future generations can enjoy its beauty and resources, too.
  </p>
  <p>
    The changing seasons show the diversity of nature. In spring, plants bloom with new life, while autumn paints the leaves with vibrant colors. Each season brings its own sights and experiences, making nature interesting all year round.
  </p>
  <p>
    Protecting nature is everyone's responsibility. Small actions like planting trees, reducing waste, and conserving water help keep the environment healthy. By respecting nature, we make the world a better place for every living being.
  </p>
</body>
</html>
```

CSS file:

```
body {
  line-height: 1.6;
  margin: 20px;
  background-color: #e6f2ff;
  color: #333333;
}

h1 {
  color: #2e8b57;
  text-align: center;
  margin-bottom: 20px;
}

p {
  color: darkblue;
  font-size: 16px;
```

```
margin-bottom: 15px;
width: 75%;
text-align: justify;
}
::selection {
background: #f41717;
color: #ffffff;
}
```

## Output:

### The Beauty of Nature

Nature is an incredible gift that surrounds us every day. From towering trees in forests to calm rivers and colorful flowers, nature fills our world with beauty and wonder. It provides a peaceful escape from busy city life and reminds us to appreciate the simple things.

All living creatures, including humans, depend on nature for air, water, and food. Spending time outdoors helps us relax and feel connected to the environment. Taking care of nature is important so that future generations can enjoy its beauty and resources, too.

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