



SHRI VILEPARLE KELAVANI MANDAL'S  
DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING  
(Autonomous College Affiliated to the University of Mumbai)  
NAAC ACCREDITED with "A" GRADE (CGPA : 3.18)



DEPARTMENT OF INFORMATION TECHNOLOGY

**COURSE CODE: DJS22ITL307**

**DATE: 16/09/23**

**COURSE NAME: Web Programming Laboratory**

**CLASS:SY. BTech**

**EXPERIMENT NO. 02**

NAME: Ayush Vinod Upadhyay  
ROLL NO: I025  
SAP ID: 60003220131  
BRANCH: Information Technology  
BATCH: 1

**CO/LO: Develop web applications.**

**AIM / OBJECTIVE:** Style elements of HTML website using CSS.

**DESCRIPTION OF EXPERIMENT:**

1. ``display``: Defines the display behavior of an element (e.g., block, inline, flex).
2. ``overflow``: Specifies how content that overflows the element's box should be handled.
3. ``flex``: Specifies the flexible length of a flexible container or item.
4. ``position``: Sets the positioning method of an element (e.g., relative, absolute).
5. ``padding``: Defines the padding space around the content of an element.
6. ``inset``: Shorthand for the top, right, bottom, and left properties, specifying the padding or positioning of an element.
7. ``background-color``: Sets the background color of an element.
8. ``z-index``: Specifies the stacking order of positioned elements.
9. ``font-weight``: Sets the thickness of the font characters.
10. ``font-size``: Specifies the size of the font.
11. ``text-transform``: Controls the capitalization of text (e.g., uppercase, lowercase).
12. ``font-family``: Specifies the font family for text.
13. ``color``: Sets the color of text.
14. ``opacity``: Specifies the transparency of an element.
15. ``min-height``: Sets the minimum height of an element.



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16. ``object-fit``: Specifies how an image should be resized to fit its container.
17. ``line-height``: Sets the height of a line of text.
18. ``cursor``: Defines the type of cursor to be displayed.
19. ``list-style``: Sets the style of list markers.
20. ``align-items``: Aligns flex container items along the cross-axis.
21. ``justify-content``: Aligns flex container items along the main-axis.
22. ``gap``: Sets the gap between flex items.
23. ``outline``: Sets the outline of an element.
24. ``border``: Sets the border of an element.
25. ``min-width``: Sets the minimum width of an element.
26. ``outline``: Sets the style of an element's outline.
28. ``flex-direction``: Specifies the direction of the flexible items in a flex container.
29. ``justify-content``: Aligns flex container items along the main-axis.
30. ``align-items``: Aligns flex container items along the cross-axis.

CODE:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="icon" type="image/png" href="/sushi.png" />
    <link rel="stylesheet" href="css/style.css">
    <title>Sushiman</title>
  </head>
  <body>
    <header>
```



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```
<nav class="header__nav">
  <div class="header__logo">
    <h4 data-aos="fade-down">Sushiman</h4>
    <div class="header__logo-overlay"></div>
  </div>

  <ul class="header__menu" data-aos="fade-down">
    <li>
      <a href="#menu">Menu</a>
    </li>
    <li>
      <a href="#food">Food</a>
    </li>
    <li>
      <a href="#services">Services</a>
    </li>
    <li>
      <a href="#about-us">About Us</a>
    </li>
    <li>
      
    </li>
  </ul>

  <ul class="header__menu-mobile" data-aos="fade-down">
    <li>
      
    </li>
  </ul>
</nav>
</header>

<section class="hero">
  <div class="hero-image">
    
```



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```
    />
    <h2 data-aos="fade-up">
      日 <br />
      本 <br />
      食
    </h2>

    <div class="hero-image__overlay"></div>
  </div>

  <div class="hero-content">
    <div class="hero-content-info" data-aos="fade-left">
      <h1>Feel the taste of Japanese food</h1>
      <p>Feel the taste of the most popular Japanese food from anywhere and
anytime.</p>

      <div class="hero-content__buttons">
        <button class="hero-content__order-button">Order Now</button>
        <button class="hero-content__play-button">
          
          How to Order
        </button>
      </div>
    </div>

    <div class="hero-content__testimonial" data-aos="fade-up">
      <div class="hero-content__customer flex-center">
        <h4>24<span>k+</span></h4>
        <p>Happy Customers</p>
      </div>

      <div class="hero-content__review">
        
        <p>"This is the best Japanese food delivery service that ever
existed."</p>
      </div>
    </div>
  </div>
```



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

header.css

```
.header__nav {
  display: flex;
  overflow: hidden;
}

.header__logo {
  flex: 1;
  display: flex;

  position: relative;
  padding: 20px;
}

.header__logo-overlay {
  position: absolute;
  inset: 0;
  width: 100%;

  background-color: var(--primary-color);
  z-index: -1;
}

.header__logo h4 {
  padding-left: 30px;

  font-weight: 700;
  font-size: 24px;
  text-transform: uppercase;
  font-family: var(--playfair-display);
  color: #fff;
  opacity: 0.8;
}
```



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```
}

.header__menu, .header__menu-mobile {
  padding: 20px;
  flex: 1.236;
  display: flex;
  align-items: center;
  justify-content: flex-end;
  gap: 64px;

  list-style: none;
}

.header__menu li {
  font-weight: 500;
  font-family: var(--plus-jakarta-sans);
  color: var(--secondary-color);
  font-size: 16px;
  text-transform: uppercase;
  line-height: 20px;
  cursor: pointer;
}

.header__menu li img {
  width: 24px;
  height: 24px;
  object-fit: contain;
}

.header__menu-mobile {
  display: none;
  gap: 20px;

  position: relative;
}
```



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hero.css

```
.hero {  
  display: flex;  
  min-height: calc(100vh - 74px);  
  overflow: hidden;  
}  
  
.hero-image {  
  flex: 1;  
  display: flex;  
  flex-direction: column;  
  
  position: relative;  
  z-index: 5  
}  
  
.hero-image img {  
  width: 120%;  
  height: 100%;  
  object-fit: contain;  
}  
  
.hero-image__overlay {  
  position: absolute;  
  inset: 0;  
  width: 100%;  
  
  background-color: var(--primary-color);  
  z-index: -1;  
}  
  
.hero-image h2 {  
  position: absolute;  
  bottom: 0;  
  padding: 20px;  
  
  font-family: var(--playfair-display);
```



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```
font-weight: 700;
font-size: 120px;
line-height: 138px;
color: #fff;
}

.hero-content {
  flex: 1.22;
  display: flex;
  justify-content: space-between;
  flex-direction: column;
}

.hero-content-info {
  padding: 64px;
  flex: 1;
  display: flex;
  justify-content: center;
  flex-direction: column;
}

.hero-content-info h1 {
  font-size: 80px;
  font-weight: 600px;
  font-family: var(--playfair-display);
  color: var(--secondary-color);
}

.hero-content-info p {
  margin: 32px 0 0 32px;

  font-family: var(--plus-jakarta-sans);
  color: var(--secondary-color);
  font-size: 18px;
  font-weight: 400;
}

.hero-content__buttons {
```





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```
margin: 41px 0 0 41px;

display: flex;
flex-wrap: wrap;
gap: 36px;
}

.hero-content__order-button {
padding: 20px;
border-radius: 36px;
min-width: 212px;
outline: none;
border: none;
background: var(--secondary-color);

cursor: pointer;

color: #fff;
font-weight: 500;
font-size: 18px;
line-height: 23px;
}

.hero-content__play-button {
border: none;
outline: none;
background: transparent;

display: flex;
align-items: center;

font-size: 16px;
line-height: 19px;
color: var(--black-200);
font-family: var(--plus-jakarta-sans);

cursor: pointer;
}
```



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```
.hero-content__play-button img {  
  margin-right: 12px;  
  
  width: 46px;  
  height: 46px;  
  object-fit: contain;  
}  
  
.hero-content__testimonial {  
  padding: 32px 64px;  
  
  display: flex;  
  flex-wrap: wrap;  
  gap: 20px;  
  
  background: var(--color-white)  
}  
  
.hero-content__customer {  
  flex: 1;  
  gap: 10px;  
}  
  
.hero-content__customer h4 {  
  font-size: 62px;  
  font-weight: 400;  
  font-family: var(--playfair-display)  
}  
  
.hero-content__customer p {  
  font-size: 16px;  
  font-weight: 400;  
  font-family: var(--plus-jakarta-sans);  
  color: var(--secondary-color);  
  opacity: 0.5;  
}
```



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```
.hero-content__review {  
  flex: 1;  
  display: flex;  
  align-items: center;  
  gap: 10px;  
  
  padding-left: 20px;  
  border-left: 1px solid rgba(2, 2, 2, 0.1);  
  min-width: 200px;  
}  
  
.hero-content__review img {  
  width: 42px;  
  height: 42px;  
  object-fit: contain;  
}  
  
.hero-content__review p {  
  font-size: 12px;  
  font-weight: 400;  
  line-height: 32px;  
  font-family: var(--plus-jakarta-sans);  
  color: var(--secondary-color);  
  opacity: 0.8  
}
```



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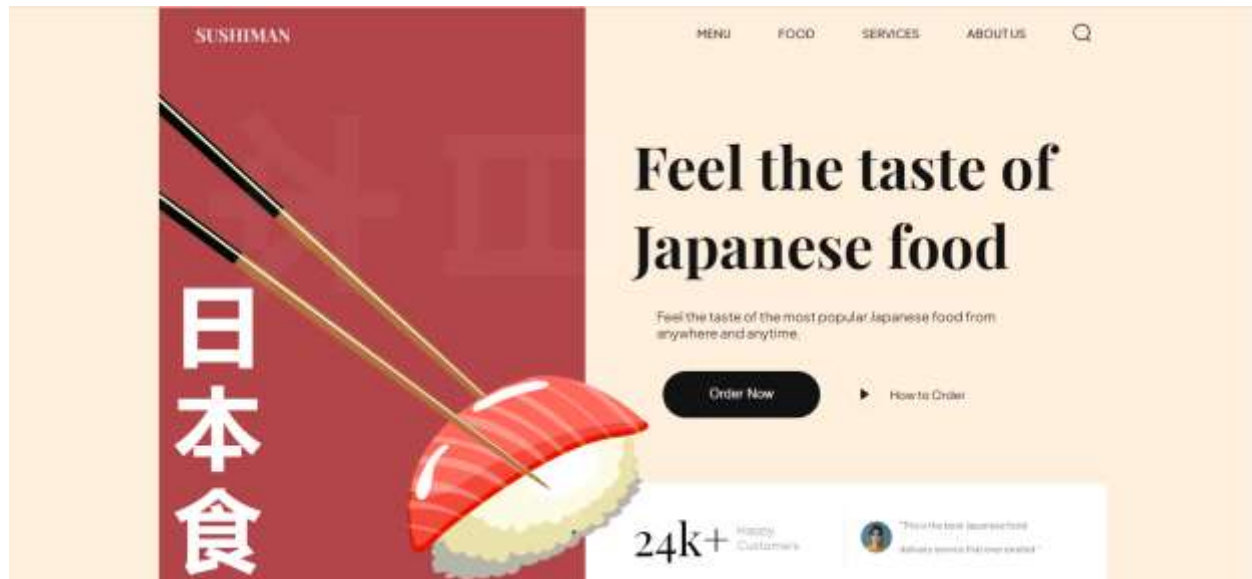
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**OUTPUT:**



**CONCLUSION:** With the help of Experiment – 2 , I have understood the application of various tags of HTML And style attributes of CSS.

**REFERENCES:** MDN reference <https://developer.mozilla.org/en-US/docs/Web/CSS/Referenc>