

**Year & Branch: TY ETC**

**Subject: Web Technology**  
**Code:ET3273**

**Subject**

## **Experiment no: 2**

### **Grp -1**

| <b>Name</b>    | <b>Roll No.</b> | <b>Div</b> | <b>GR. No.</b> |
|----------------|-----------------|------------|----------------|
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**TITLE:** Design static web page to demonstrate the use of different CSS tags.

**AIM:** Understand use of various CSS tags in web pages.

### **THEORY:**

CSS can be added to HTML documents in 3 ways:

- **Inline** - by using the style attribute inside HTML elements
- **Internal** - by using a <style> element in the <head> section
- **External** - by using a <link> element to link to an external CSS file

CSS selectors are used to select the HTML elements to style.

- Simple selectors (select elements based on name, id, class)
- Combinator selectors (select elements based on a specific relationship between them)
- Pseudo-class selectors (select elements based on a certain state)
- Pseudo-elements selectors (select and style a part of an element)
- Attribute selectors (select elements based on an attribute or attribute value)

### **Background Properties**

- background - Sets all the background properties in one declaration
- background-attachment - Sets whether a background image is fixed or scrolls with the rest of the page
- background-clip - Specifies the painting area of the background
- background-color - Sets the background color of an element
- background-image - Sets the background image for an element
- background-origin - Specifies where the background image(s) is/are positioned
- background-position - Sets the starting position of a background image
- background-repeat - Sets how a background image will be repeated
- background-size - Specifies the size of the background image(s)

## Border Properties

- border - Sets all the border properties in one declaration
- border-bottom - Sets all the bottom border properties in one declaration
- border-bottom-color - Sets the color of the bottom border
- border-bottom-style - Sets the style of the bottom border
- border-bottom-width - Sets the width of the bottom border
- border-color - Sets the color of the four borders
- border-left - Sets all the left border properties in one declaration
- border-left-color - Sets the color of the left border
- border-left-style - Sets the style of the left border
- border-left-width - Sets the width of the left border
- border-radius - Sets all the four border-\*-radius properties for rounded corners
- border-right - Sets all the right border properties in one declaration
- border-right-color - Sets the color of the right border
- border-right-style - Sets the style of the right border
- border-right-width - Sets the width of the right border
- border-style - Sets the style of the four borders
- border-top - Sets all the top border properties in one declaration
- border-top-color - Sets the color of the top border
- border-top-style - Sets the style of the top border
- border-top-width - Sets the width of the top border
- border-width - Sets the width of the four borders

## Margin Properties

- margin - A shorthand property for setting all the margin properties in one declaration
- margin-bottom - Sets the bottom margin of an element
- margin-left - Sets the left margin of an element
- margin-right - Sets the right margin of an element
- margin-top - Sets the top margin of an element

## Padding Properties

- padding - A shorthand property for setting all the padding properties in one declaration
- padding-bottom - Sets the bottom padding of an element
- padding-left - Sets the left padding of an element
- padding-right - Sets the right padding of an element
- padding-top - Sets the top padding of an element
- Dimension Properties
- height - Sets the height of an element
- max-height - Sets the maximum height of an element
- max-width - Sets the maximum width of an element
- min-height - Sets the minimum height of an element
- min-width - Sets the minimum width of an element
- width - Sets the width of an element

## Text properties

- direction - Specifies the text direction/writing direction
- text-align - Specifies the horizontal alignment of text
- text-align-last - Specifies how to align the last line of a text
- vertical-align - Sets the vertical alignment of an element
- letter-spacing - Specifies the space between characters in a text
- line-height - Specifies the line height
- text-indent - Specifies the indentation of the first line in a text-block
- white-space - Specifies how to handle white-space inside an element
- word-spacing - Specifies the space between words in a text

## Font Properties

- font - Sets all the font properties in one declaration
- font-family - Specifies the font family for text
- font-size - Specifies the font size of text
- font-style - Specifies the font style for text
- font-variant - Specifies whether or not a text should be displayed in a small-caps font
- font-weight - Specifies the weight of a font

## Table Properties

- border - Sets all the border properties in one declaration
- border-collapse - Specifies whether or not table borders should be collapsed
- border-spacing - Specifies the distance between the borders of adjacent cells
- caption-side - Specifies the placement of a table caption
- empty-cells - Specifies whether or not to display borders and background on empty cells in a table
- table-layout - Sets the layout algorithm to be used for a table

## List Properties

- list-style - Sets all the properties for a list in one declaration
- list-style-image - Specifies an image as the list-item marker
- list-style-position - Specifies the position of the list-item markers (bullet points)
- list-style-type - Specifies the type of list-item marker

## CODE:

Home

```
#title{  
    text-align: center;
```

```

}

p{
    text-align: center;
    background-color: bisque;
}
#title{
    background-color: black;
    color: white;
    border-radius: 20%;
    border-radius: 40%;
    height: 5em;
    vertical-align: middle;
}
.navbar{

    background-color: rgb(71, 19,
19);
    /* height: 5em; */
    text-align: center;
    padding: 1em;
    justify-content: space-evenly;
    justify-content: space-around;
}
a{
    color: white;
}
button{
    border-radius: 50%;
    size: 6em;
    height: 2em;
    width: 12em;
}
.clickhere{
    color: black;
}
#Booksavail{
    height: 3em;
    vertical-align: middle;
    background-color: rgb(164, 230,
230);

```

## Signup

```

.title{
    text-align: center;
}
a{

```

```

    font-family: 'Roboto', sans-
serif;
}
.navbar{
    background-color: aliceblue;
    height: 4em;
    text-align: center;
    vertical-align: middle;
    padding-top: 2em;
}

h1,p{
    text-align: center;
}
form{
    text-align: center;
}

```

## Login

```

.navbar{
    text-align: center;
    justify-content: center;
}
a{
    font-family: 'Roboto', sans-
serif;
}
.navbar{
    background-color: aliceblue;
    height: 4em;
    text-align: center;
    vertical-align: middle;
    padding-top: 2em;
}

.hello{
    width: 35em;
}
h2{
    text-align: center;
}
p{
    text-align: center;
}
.form{
    text-align: center;
    border-color: black;
}

```

```

border-width: 4em;
border: 4em;
}

```

## Authors

```

body {
  background-color: rgb(176, 228,
178);
}
h1 {
  color: rgb(14, 2, 24);
  margin-left: 20px;
}
table {
  border-collapse: collapse;
}
th, td {
  border: 3px solid black;
}

```

## Book info

```

body{
  background-image: url(/Lab-
2/images/background.jpeg);
  background-size: 100%;
  width:100%;
  height:100%;
}
#footer{
  text-align: center;
  position: fixed;
  bottom: 0;
  width:100%;
  height:50px;
}
table{
  padding-top: 100px;
  width: 98.5%;
  height: 80%;
  border-collapse: collapse;
}

```

```

}
th {
  background-color: #6400fa;
  color: rgb(253, 253, 253);
  height: 55px;
}
td{
  height: 50px;
  text-align: center;
  vertical-align: middle;
}
tr:nth-child(even) {background-
color: #eadcf9;}
tr:nth-child(odd) {background-
color: rgb(201, 198, 249);}
tr:hover {background-color: #ddd;}

```

## Audio

```

body{
  /* background-image:
url(/images/bg.png); */
  background-color: beige;
  background-size: 100%;
  width:100%;
  height:100%;
}
#footer{
  text-align: center;
  position: fixed;
  bottom: 0;
  width:100%;
  height:50px;
}
table{
  padding-top: 100px;
  width: 98.5%;
  height: 80%;
  border-collapse: collapse;
  border-radius: 10%;
  border: 1px solid;
}

```

```

th {
  background-color: #000000;
  color: rgb(253, 253, 253);
  height: 55px;
  border: 1px solid;
  font-size: large;
  font-style: oblique;
}
td{
  height: 50px;
  text-align: center;
  vertical-align: middle;
  border: 1px solid;
  font-size: large;
}
.navigation {
  /* background-color: rgb(255,
255, 255); */
  background-size: 100%;
  color: white;

```

```

text-align: center;
display: flex;
-ms-flex-align: center;
justify-content: space-evenly;
}

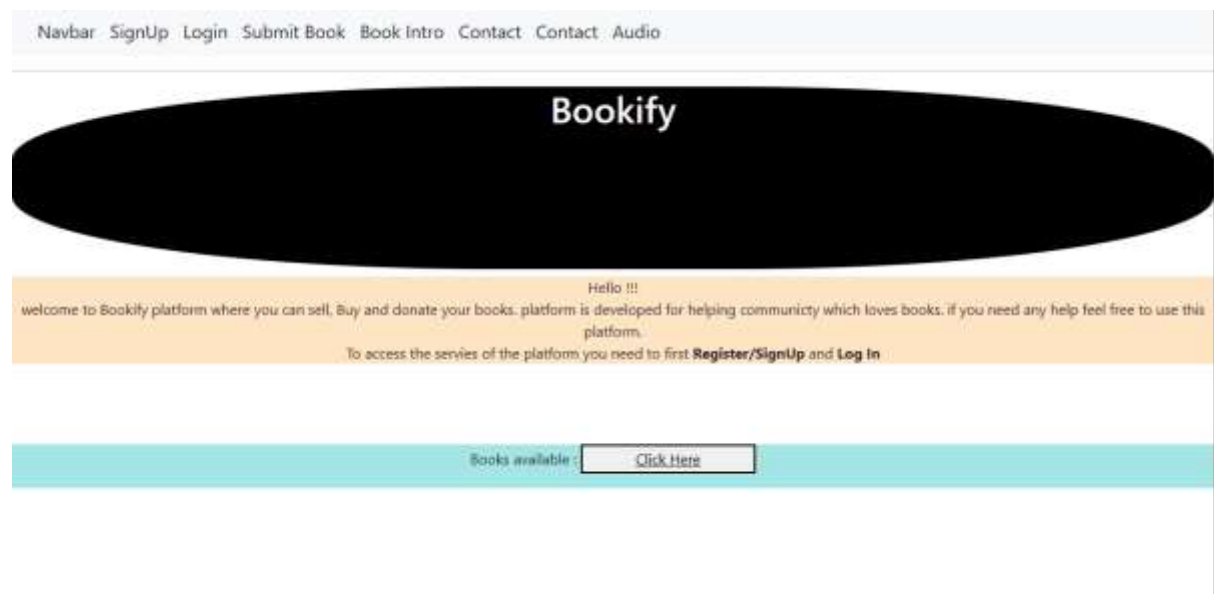
button{
  width: 110px;
  height: 20px;
  background-color: rgb(255, 255,
255);
  color: white;
}

tr:nth-child(even) {background-
color: #eadcf9;}
tr:nth-child(odd) {background-
color: rgb(201, 198, 249);}
tr:hover {background-color: #ddd;}

```

## **RESULT:**

### **Home Page:**



### **Login Page:**

[Dashboard](#)

## Login

Please Login First to access the platform's services

First Name

We'll never share your email with anyone else.

Last Name

PHN

Submit

## Signup Page:

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[Auth](#)
[Login](#)
[Signup](#)
[Submit Book](#)
[Book Info](#)
[Contact](#)

## Sign Up

Sign Up and register to this platform for amazing services.

Name

We'll never share your email with anyone else.

College Name

PHN

Branch

Roll No

## Book Info:

| Books Information |                                    |                 |   |
|-------------------|------------------------------------|-----------------|---|
| S no.             | Book name                          | Author          | Link  |
| 1.                | Murder on the Orient Express       | Agatha Christie | <a href="#">Murder-Orient-Express-Agatha-Christie</a> |
| 2.                | Midnight's Children                | Salman Rushdie  | <a href="#">Midnight's Children-Salman-Rushdie</a>    |
| 3.                | Journey to the centre of the Earth | Jules Verne     | <a href="#">Journey-Center-Earth-Jules Verne</a>      |
| 4.                | Little Women                       | Louis Austen    | <a href="#">World's Greatest Classics Book Books</a>  |

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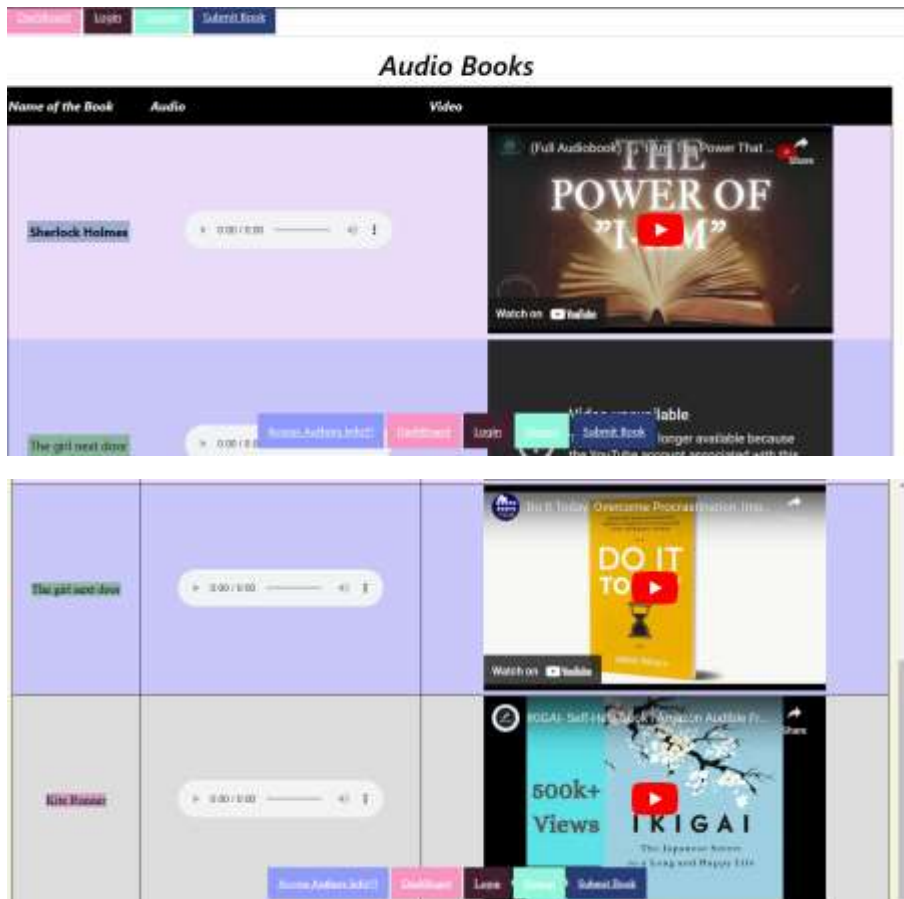
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|-----------------------|--|---|------|-------------|
| Authors               |  |   |      |             |
| Author Name           | Image  | Bio   |      |             |
| Agatha Christie       |  | Dame Agatha Mary Clarissa Christie, Lady Mallowan, DBE (née Miller; 15 September 1890 (3 January 1936) was an English writer known for her 66 detective novels and 14 short story collections, particularly those revolving around fictional detectives Hercule Poirot and Miss Marple. She also wrote the world's longest-running play, the murder mystery The Mousetrap, which has been performed in the West End since 1952. A writer during the "Golden Age of Detective Fiction", Christie has been called the "Queen of Crime". She also wrote six novels under the pseudonym Mary Westmacott. In 1971, she was made a Dame (DBE) by Queen Elizabeth II for her contributions to literature. Guinness World Records lists Christie as the best-selling fiction writer of all time, her novels having sold more than two billion copies. |      |             |

|                 |   |   |
|-----------------|---|---|
| Julian Rastodie |  | Julian Rastodie was a French writer and publisher who wrote many books, including the first novel, The first novel, which was published in 1900. He was born in 1870 and died in 1950. He was a French writer and publisher who wrote many books, including the first novel, The first novel, which was published in 1900. He was born in 1870 and died in 1950.  |
| Jules Verne     |  | Jules Gabriel Verne (8 February 1828–24 March 1905) was a French novelist, poet, and playwright. His collaboration with the publisher Pierre-Jules Hetzel led to the creation of the Voyages extraordinaires, a series of bestselling adventure novels including Journey in the Center of the Earth (1864), Twenty Thousand Leagues Under the Sea (1870), and Around the World in Eighty Days (1873). His novels, always well documented, are generally set in the second half of the 19th century, taking into account the technological advances of the time. |

## Audio Books:





## CONCLUSION:

CSS is the language for describing the presentation of Web pages, including colors, layout, and fonts. It allows one to adapt the presentation to different types of devices, such as large screens, small screens, or printers. CSS is independent of HTML and can be used with any XML-based markup language.