Project 187

DP EDUCATION Coding School

187

```html
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4       <meta charset="UTF-8">
5       <meta http-equiv="X-UA-Compatible" content="IE=edge">
6       <meta name="viewport" content="width=device-width, initial-scale=1.0">
7       <link rel= "stylesheet"
8       href= "imageOpacity.css">
9       <title>Document</title>
10  </head>
11  <body>
12      <div class="demo-wrap">
13          <img
14            class="img-bg"
15            background-image src="scenery.jpg"
16            alt=""
17          >
18          <div class="text">
19            <h1>Hello World!</h1>
20          </div>
```

html Glitch

See the web

Glitch **Start here**

For this, you should use the same web page created in the 186 homework.

In the 186th project, let's create more content to the content added in the web page and make the web page more detailed.

❖ For this, use the same project that you created in the 186th project.

  ❖ Let's now prepare the 186th Home work project by creating HTML tags.

  ❖ 186 In the Home work project, prepare two Rows and add columns to those Rows and prepare the HTML tags related to the changes that should happen when you move the left mouse over the images added to those columns as follows.

  For that, add a new div tag. Prepare a <div class= "img-wrapper"> tag inside the tags that are prepared as <div class= "item">.
  Highlighted here is the tag you need to add.

```
<div class="container">
  <div class="item">
    <div class="img-wrapper">
      <img
        src="https://cdn.glitch.global/aff39cff-02d9-44cd-8fe6-324d43e42166/image_9bebcf0242.jpg?v=1703120411106"
      />
    </div>
  </div>
</div>
```

  In the same way, add a div tag for the image added in the other column.
  Prepare a <div class= "img-wrapper"> tag inside the tags that are prepared as <div class= "item">.
  Highlighted here is the tag you need to add.

```
<div class="item">
  <div class="img-wrapper">
    <img
      src="https://cdn.glitch.global/aff39cff-02d9-44cd-8fe6-324d43e42166/Matara-scaled.jpg?v=1702527368488"
    />
  </div>
</div>
```

  ❖ Let's make another content. Here we will see how to create this div tag in a way that spans the page.

- ❖ First prepare a div tag. Add the pl-container class to this div tag.
- ❖ Then create another div tag. Add the personalized-learning-container class to that div tag.
- ❖ Then add an h1 tag. Prepare a text in that tag as A personalized learning resource for all.
- ❖ Open an h3 tag and add a text as below.

> Our personalized learning journey at DP Education is designed to cater to learners of all ages, from young students just starting their educational adventure to adults seeking to upskill and reskill. Embrace a learning experience that's as unique as you are, with DP Education.

- ❖ Now let's add a button to this div tag. For that, open a button tag. Add the learn-more-button class to it. The button should be displayed as Learn More.

Adjust the HTML tags related to this event as follows.

```html
<div class="pl-container">
  <div class="personalized-learning-container">
    <h1>A personalized learning resource for all</h1>
    <h3>
      Our personalized learning journey at DP Education is designed to cater
      to learners of all ages, from young students just starting their
      educational adventure to adults seeking to upskill and reskill.
      Embrace a learning experience that's as unique as you are, with DP
      Education.
    </h3>
    <button class="learn-more-button">Learn More</button>
  </div>
</div>
```

- ❖ Let's prepare the CSS code as follows.

- ❖ In the 186th Home work project, enter the text entered in the column prepared under the h1 tag and adjust the CSS as follows to center the text

```
        }
        .des h1{
          text-align: center;
          font-weight: bold;
```

❖ Create a class as Pl-container. Add the code #f8e4e4 for its background color, 0 for margin and 40px for padding.

❖ Create a class as follows as Personalized-learning-container. Give the maximum width as 800px. Give the text align as center.

```
116▾ .pl-container{
117    background-color: #f8e4e4;
118    margin:0;
119    padding: 40px;
120  }
121▾ .personalized-learning-container{
122    max-width: 800px;
123    margin: 0 auto;
124    text-align: center;
125  }
```

❖ Let's create a class like learn-more-button as below. In that button, width should be 15px, height should be 50px, border should be none, border-radius should be 10px, and background-color should be orange. Set the font-size as 15px and prepare the CSS code as follows.

```
.learn-more-button{
  width: 150px;
  height: 50px;
  border: none;
  border-radius: 10px;
  background-color: #ff8c00;
  font-size: 15px;
}
```

❖ Add the following CSS to make the pointer icon appear as a cursor when the mouse is moved to the learn-more-button.

```css
.learn-more-button:hover{
  cursor: pointer;
}
```

❖ Here you prepare another class in CSS as img-wrapper.
❖ An animation is added as a transition here. An animation called transform is added here. This animation takes place for 0.3 seconds..

```css
.img-wrapper{
  position: relative;
  overflow: hidden;
}
.img-wrapper img {
  width: 100%;
  height: 100%;
  transition: transform 0.3s;
}
```

❖ The size of the image should be 1.1 when the mouse is moved on the img that is added by the img-wrapper class. Arrange it under the CSS code below.

```css
.img-wrapper:hover img {
  transform: scale(1.1);
}
```

❖ The newly added content will be displayed as below.

A personalized learning resource for all

Our personalized learning journey at DP Education is designed to cater to learners of all ages, from young students just starting their educational adventure to adults seeking to upskill and reskill. Embrace a learning experience that's as unique as you are, with DP Education.

Learn More

Contact Us

Hotline

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Email

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We provide equal access to world-class digital learning, and healthcare facilities to develop human capability to eliminate poverty DP Education is a not for profit organization. Volunteer today!

Usefull Websites

→ DP Coding School
→ DP Kids
→ Digital Library
→ DP Dahampasala
→ DP IT Campus