

1. Create a navigation bar similar to the below-mentioned image. The navigation bar must contain 5 navigation links that are properly placed within the navigation bar using the CSS box model. The navigation items must change their text color on hover



Ans:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Navigation Bar</title>
  <link rel="stylesheet" href="styles.css">
</head>
<body>
  <nav>
    <ul>
      <li><a href="#">Home</a></li>
      <li><a href="#">About Us</a></li>
      <li><a href="#">Contact</a></li>
      <li><a href="#">Blog</a></li>
      <li><a href="#">Login</a></li>
    </ul>
  </nav>
</body>
</html>
```

```
style.css
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}

nav {
  background-color: #333;
  padding: 15px 0;
  text-align: center;
}

ul {
  list-style: none;
```

```

    display: flex;
    justify-content: center;
    gap: 20px;
}

li {
    display: inline;
}

a {
    text-decoration: none;
    color: white;
    font-size: 18px;
    padding: 10px 15px;
    transition: color 0.3s;
}

a:hover {
    color: yellow;
}

```

2. Create a div centered with an image and paragraph similar to the image mentioned below.

Ans:

```

Html:
<!DOCTYPE html>

<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Centering a div</title>
    <link rel="stylesheet" href="style.css">
</head>

<body>
    <div class="image">
        
        <p>Full stack development course</p>
    </div>
</body>

</html>

```

```

* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}

```

```

}

img.sample-img {
  width: 250px;
  border-radius: 20px;
}

.image {
  width: 300px;
  height: 200px;
  background: yellow;
  padding: 10px;
  text-align: center;
  border-radius: 20px;
  margin: 10px auto;
  font-weight: bold;
}

```



3. Create a navigation bar similar to question 1. For each navigation item, use a different border style

Html

```

<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>different borders</title>
  <link rel="stylesheet" href="style.css">
</head>

<body>
  <nav>
    <ul>
      <li><a class="item-1" href="#">Home</a></li>
      <li><a class="item-2" href="#">About Us</a></li>
      <li><a class="item-3" href="#">Contact</a></li>
      <li><a class="item-4" href="#">Blog</a></li>
      <li><a class="item-5" href="#">Login</a></li>
    </ul>
  </nav>

```

```
</nav>
</body>
</html>
```

```
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}

nav {
  background-color: #333;
  padding: 15px 0;
  text-align: center;
}

ul {
  list-style: none;
  display: flex;
  justify-content: center;
  gap: 20px;
}

li {
  display: inline;
}

a {
  text-decoration: none;
  color: white;
  font-size: 18px;
  padding: 10px 15px;
  transition: color 0.3s;
}

a:hover {
  color: yellow;
}

.item-1 {
  border: 1px solid white;
}

.item-2 {
  border: 1px dotted white;
}

.item-3 {
  border: 1px dashed white;
}

.item-4 {
  border: 5px ridge white;
}

.item-5 {
```

```
border: 5px groove white;
}
```

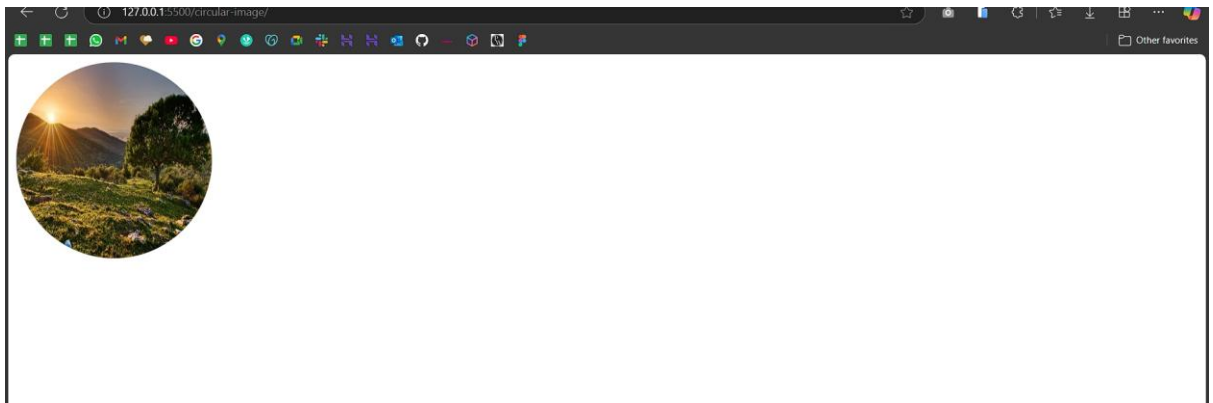
[Home](#)[About Us](#)[Contact](#)[Blog](#)[Login](#)

4. Create a simple webpage with an image and make the image circular using border-radius

```
5. <!DOCTYPE html>
6. <html lang="en">
7.
8. <head>
9.     <meta charset="UTF-8">
10.    <meta name="viewport" content="width=device-width, initial-scale=1.0">
11.    <title>Circular Image</title>
12.    <link rel="stylesheet" href="style.css">
13. </head>
14.
15. <body>
16.     <div class="img-section">
17.         
18.     </div>
19.
20. </body>
21.
22. </html>
```

```
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}

.img-section img {
  width: 250px;
  height: 250px;
  border-radius: 100%;
  margin: 10px;
}
```



5. Create a simple blog website about Google fonts. The webpage must have the heading with “Oswald” font align center to the page, below the heading have an image of Google fonts and a paragraph about Google fonts in font “Montserrat” paragraph font style should be “montserrat” font

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Google Fonts Blog</title>
  <link rel="stylesheet" href="styles.css">
</head>

<body>
  <div class="container">
    <h1>Google Fonts</h1>
    
    <p>
      Google Fonts is a library of free and open-source font families that can be
      used on websites and
      applications.
      It provides a wide variety of fonts that enhance the typography of your web
      pages, making them more readable
      and visually appealing. Some popular fonts include Oswald, Montserrat, Roboto,
      and Open Sans.
    </p>
  </div>
</body>
</html>
```

```
@import
url('https://fonts.googleapis.com/css2?family=Oswald&family=Montserrat:wght@400;700&display=swap');

* {
  margin: 0;
  padding: 0;
```

```
    box-sizing: border-box;
}

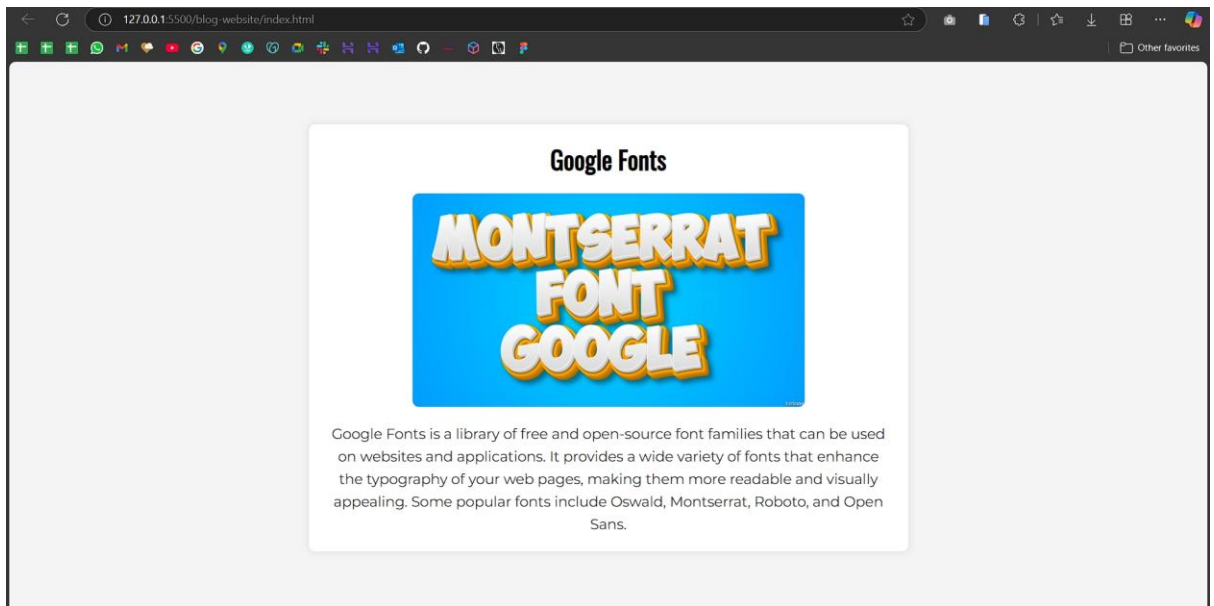
body {
  font-family: Arial, sans-serif;
  background-color: #f4f4f4;
  display: flex;
  justify-content: center;
  align-items: center;
  height: 100vh;
}

.container {
  width: 50%;
  background: white;
  padding: 20px;
  border-radius: 8px;
  box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);
  text-align: center;
}

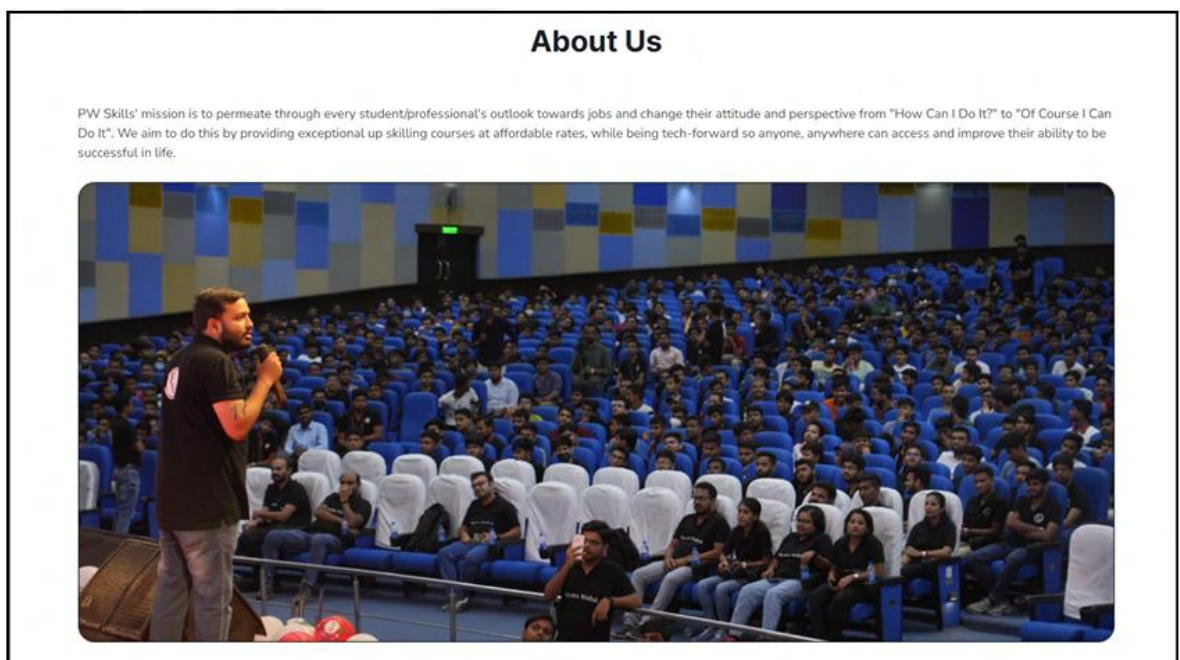
h1 {
  font-family: 'Oswald', sans-serif;
  font-size: 32px;
  text-align: center;
  margin-bottom: 20px;
}

img {
  width: 100%;
  max-width: 500px;
  display: block;
  margin: 0 auto 20px;
  border-radius: 8px;
}

p {
  font-family: 'Montserrat', sans-serif;
  font-size: 18px;
  line-height: 1.6;
  color: #333;
}
```



6. Create a simple website as mentioned in the below image.



```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="style.css">
</head>

<body>

  <div class="container">
```



```

    <div class="title">
      <h2>About Us</h2>
    </div>
    <div class="description">
      <p>PW Skills' mission is to permeate through every student/professional's
outlook towards jobs and change
      their
      attitude
      and perspective from "How Can I Do It?" to "Of Course I Can Do It". We aim
to do this by providing
      exceptional up
      skilling courses at affordable rates, while being tech-forward so anyone,
anywhere can access and
      improve
      their ability
      to be successful in life.
    </p>
    </div>
    <div class="img-section">
      
    </div>
  </div>
</body>
</html>

```

```

* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}

.title h2 {
  margin: 10px;
  text-align: center;
}

img.about-img {
  width: 100%;
  border-radius: 20px;
  border: 2px solid black;
}

.img-section {
  padding: 30px;
}

.description {
  padding: 30px;
}

.container {
  padding: 30px 50px;
}

```

7. Create a simple webpage with a card similar to question number 2. The card must be semi-transparent as default and on hovering the card must be displayed clearly. Use CSS opacity to achieve this output

Ans:

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Centering a div</title>
  <link rel="stylesheet" href="style.css">
</head>

<body>
  <div class="image">
    
    <p>Full stack development course</p>
  </div>
</body>

</html>
```

```
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}

img.sample-img {
  width: 250px;
  border-radius: 20px;
}

.image {
  width: 300px;
  height: 200px;
  background: yellow;
  padding: 10px;
  text-align: center;
  border-radius: 20px;
  margin: 10px auto;
  font-weight: bold;
}

.image:hover {
  opacity: 0.5;
}
```

8. Create a simple list of items as mentioned in the below image.

```

<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="style.css">
</head>

<body>
  <div class="container">
    <h1>Requirements</h1>
    <ol>
      <li>System with minimum i3 processor or better</li>
      <li>At least 4GB of RAM</li>
      <li>Working internet connection</li>
      <li>Dedication to learn</li>
    </ol>
  </div>
</body>

</html>

```

```

* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}

.container {
  width: 400px;
  padding: 25px;
  border: 2px solid black;
  margin: 10px;
}

ol {
  padding: 10px;
  list-style: lower-roman;
}

```