

More on Css Assignment

Assignment Question:

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.

Answer:

```
● ● ●
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>Home</title>
7 </head>
8 <style>
9     .navigation{
10         display: flex;
11         width: auto;
12         height: 15vh;
13         background-color: cornflowerblue;
14     }
15     .upperlist{
16         list-style: none;
17         display: flex;
18         align-items: center;
19         justify-content: space-around;
20         gap: 40px;
21     }
22     .list{
23         color: #fff;
24         font-size: small;
25         font-weight: 400;
26     }
27     .list:hover{
28         color:blue;
29         transition-delay: 150ms;
30     }
31 }
32
33 </style>
34 <body>
35     <nav class="navigation">
36         <ul class="upperlist">
37             <li><a href="#" class="list">Home</a></li>
38             <li><a href="#" class="list" >About Us </a></li>
39             <li><a href="#" class="list">Contact</a></li>
40             <li><a href="#" class="list">Blog</a></li>
41             <li><a href="#" class="list">Login</a></li>
42         </ul>
43     </nav>
44 </body>
45 </html>
```

Browser Output:

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

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

Answer:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>Assignment</title>
7 </head>
8 <style>
9     div{
10         margin: 20px auto;
11         background-color: #f8c42e;
12         width: 300px;
13         border-radius: 20px;
14         padding: 10px;
15     }
16     img{
17         width: 300px;
18         border-radius: 10px;
19         height: 200px;
20     }
21 }
22 </style>
23 <body>
24     <div>
25         
26         <p><b>Course Name:</b>PW SKills full stack web development</p>
27     </div>
28
29 </body>
30 </html>
```

Browser Output:



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

Answer:

```
● ● ●
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>Assignment</title>
7     <style>
8         .navigation{
9             display: flex;
10            width: auto;
11            height: 15vh;
12            background-color: cornflowerblue;
13        }
14        .upperlist{
15            display: flex;
16            align-items: center;
17            justify-content: space-around;
18            gap: 80px;
19            list-style: none;
20        }
21        .list{
22            color: #fff;
23            font-size: large;
24            font-weight: 500;
25        }
26        .home{
27            border-style: dashed;
28        }
29        .about{
30            border-style:dotted;
31        }
32        .contact{
33            border-style:double;
34        }
35        .blog{
36            border-style:groove;
37        }
38        .login{
39            border-style:ridge;
40        }
41
42     </style>
43 </head>
44 <body>
45     <nav class="navigation">
46         <ul class="upperlist">
47             <li><a class="home list" href="#">Home</a></li>
48             <li><a class="about list" href="#">About Us</a></li>
49             <li><a class="contact list" href="#">Contact</a></li>
50             <li><a class="blog list" href="#">Blog</a></li>
51             <li><a class="login list" href="#">Login</a></li>
52         </ul>
53     </nav>
54 </body>
55 </html>
```

Browser Output:

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

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

Answer:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>Assignment</title>
7
8     <style>
9         .image{
10             height: 400px;
11             width: 400px;
12             border-radius: 50%;
13         }
14     </style>
15 </head>
16 <body>
17     
18 </body>
19 </html>
```

Browser Output:



5. Create a simple blog website about Google Fonts. The webpage must have the heading with “Oswald” font alignn 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.

Answer:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
<meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Assignment</title>
    <style>
@import
url("https://fonts.googleapis.com/css2?family=Montserrat:wght@300&family=Oswald:wght@500&display=swap");
    .heading{
        text-align: center;
        font-family: "Oswald", sans-serif;
    }
    .image {
        width: 450px;
    }
    p {
        font-family: "Montserrat", sans-serif;
    }

</style>
</head>
<body>
    <h1 class="heading">Google Fonts</h1>
        
```

```
<p>Google Fonts is a free and extensive library of web fonts provided by Google. Launched in 2010, it offers a diverse collection of typefaces that web developers and designers can easily integrate into their projects. With over a thousand font families available, Google Fonts caters to a wide range of design preferences and linguistic needs. One of the key advantages of Google Fonts is its accessibility and user-friendly integration. Developers can quickly add fonts to their websites by embedding a simple line of code, and users can load these fonts directly from Google's servers, reducing the burden on website hosting. The open-source nature of Google Fonts promotes collaboration and community-driven improvement.</p>
```

```
<p> The platform continuously expands its font offerings, supporting multiple languages and providing an intuitive interface for users to explore, select, and customize fonts for their projects. Overall, Google Fonts has become an essential resource for enhancing web typography and design.</p>
```

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

Browser Output:

Google Fonts

Google Fonts

Google Fonts is a free and extensive library of web fonts provided by Google. Launched in 2010, it offers a diverse collection of typefaces that web developers and designers can easily integrate into their projects. With over a thousand font families available, Google Fonts caters to a wide range of design preferences and linguistic needs. One of the key advantages of Google Fonts is its accessibility and user-friendly integration. Developers can quickly add fonts to their websites by embedding a simple line of code, and users can load these fonts directly from Google's servers, reducing the burden on website hosting. The open-source nature of Google Fonts promotes collaboration and community-driven improvement.

The platform continuously expands its font offerings, supporting multiple languages and providing an intuitive interface for users to explore, select, and customize fonts for their projects. Overall, Google Fonts has become an essential resource for enhancing web typography and design.

6. Create a simple website as mentioned in the below image. You can get the assets by visiting <https://pwskills.com/about-us>.

Answer:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>Assignment</title>
7 </head>
8 <style>
9     @import url("https://fonts.googleapis.com/css2?family=Poppins:wght@200;400;500&display=swap");
10
11    body {
12        text-align: center;
13    }
14
15    h1 {
16        font-family: "Poppins", sans-serif;
17        font-weight: bold;
18        font-size: 40px;
19    }
20
21    p {
22        font-family: "Poppins", sans-serif;
23        padding: 10px 15%;
24    }
25 </style>
26 </head>
27 <body>
28     <h1>About us</h1>
29     <p>PW Skills' mission is to permeate through every student/professional's outlook towards
30     jobs and change their attitude and perspective from "How Can I Do It?" to "Of Course I Can Do
31     It". We aim to do this by providing
32     exceptional upskilling courses at affordable rates, while being tech-forward so anyone,
33     anywhere can access and
34     improve their ability to be successful in life.
35     </p>
36     
37     </body>
38 </body>
39
40 </html>
```

Browser Output:

About us

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 upskilling courses at affordable rates, while being tech-forward so anyone, anywhere can access and improve their ability to be successful in life.



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.

Answer:

```
1 <head>
2   <meta charset="UTF-8">
3   <meta name="viewport" content="width=device-width, initial-scale=1.0">
4   <title>Card</title>
5 </head>
6 <style>
7   .courseImage {
8     height: 200px;
9     width: 300px;
10    border-radius: 20px;
11  }
12  div {
13    margin: 0 auto;
14    background-color: #f8c42e;
15    width: 300px;
16    padding: 10px;
17    border-radius: 20px;
18    opacity: 1;
19  }
20  div:hover {
21    opacity: 0.5;
22  }
23 </style>
24 <body>
25  <div>
26    
28    <p><b>Course Name:</b> PW SKills web development</p>
29  </div>
30 </body>
31 </html>
```

Browser Output:

Without hover-

FULL STACK WEB DEVELOPMENT 2.0

SIGMA BATCH

~~₹ 7,000/-~~ ₹ 3,500 /-

HINGLISH



PW SKILLS

Course Name: PW SKills web development

With hover-

FULL STACK WEB DEVELOPMENT 2.0

SIGMA BATCH

~~₹ 7,000/-~~ ₹ 3,500 /-

HINGLISH



PW SKILLS

Course Name: PW SKills web development

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

Answer:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>Assignment</title>
7
8     <style>
9         li {
10             list-style-type: lower-roman;
11         }
12     </style>
13 </head>
14 <body>
15     <h1>Requirements</h1>
16     <ul>
17         <li>System with minimum i3 processor or better.</li>
18         <li>At least 4 GB of RAM.</li>
19         <li>Working internet connection.</li>
20         <li>Dedication to learn</li>
21     </ul>
22
23 </body>
24 </html>
```

Browser Output:

Requirements

- i. System with minimum i3 processor or better.
- ii. At least 4 GB of RAM.
- iii. Working internet connection.
- iv. Dedication to learn