More on CSS

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:
PROGRAM:

```html
<!DOCTYPE html>
<html>
<head>
    <title>Document</title>
    <style>
nav{
    background-color: #5959d2;
    padding: 22px;
}
a{
    color: aliceblue;
    margin-left:15px;
    margin-right: 15px;
}
a:hover{
    color: #000;
}

    </style>
</head>
<body>
    <nav>
        <a href="">Home</a>
        <a href="">About us</a>
        <a href="">Contact</a>
        <a href="">blog</a>
        <a href="">Login</a>
    </nav>

</body>
</html>
```

QUESTION 2. Create a div centered with an image and paragraph similar to the image mentioned below?
ANSWER:
PROGRAM:

```html
<!DOCTYPE html>
<html>
<head>
  <title>Document</title>
  <style>
img{
   height: 200px;
   width: 300px;
}
div{
   margin: 0 auto;
   background-color: aquamarine;
   border-radius: 20px;
   width: 300px;
   padding: 10px;
}

  </style>
</head>
<body>
  <div>
    <img src="/IMAGES/6.2agn.jpg" alt="full stack development course">
  <p><b>Course Name:</b> PW skills sigma 2.0</p>
  </div>

</body>
</html>
```

QUESTION 3.Create a navigation bar similar to question 1 For each navigation item use a different border style?
ANSWER:
PROGRAM:

```html
<!DOCTYPE html>
<html>
<head>
  <title>Document</title>
  <style>
```

```css
nav{
    background-color: #5959d2;
    padding: 22px;
}
a{
    color: aliceblue;
    margin-left:15px;
    margin-right: 15px;
}
a:hover{
    color: #000;
    border-style: dashed;
}
.A{
    border: #000;
    border-style: solid;

}
.B{
    border: #000;
    border-style: dotted;

}

.C{
    border: #000;
    border-style:double;

}

.D{
    border: #000;
    border-style: groove;

}

.E{
    border: #000;
    border-style: hidden;

}


    </style>
```

```
</head>
<body>
  <nav>
    <a href="" class="A">Home</a>
    <a href="" class="B">About us</a>
    <a href="" class="C">Contact</a>
    <a href="" class="D">blog</a>
    <a href="" class="E">Login</a>
  </nav>

</body>
</html>
```

QUESTION 4. Create a simple webpage with an image and make the image circular using border-radius?
ANSWER:
PROGRAM:

```
!DOCTYPE html>
<html>
<head>
  <title>Document</title>
  <style>
img{
   height: 300px;
   width: 300px;
   border-radius: 150px;
   margin: 0 auto;
}


  </style>
</head>
<body>
  <div>
    <img src="/IMAGES/6.2agn.jpg" alt="full stack development course">

  </div>

</body>
</html>
```

QUESTION 5.Create a simple webpage with an image. Add a hover effect to the image where the border color changes and the image must be circular on hover?
ANSWER:
PROGRAM:

```
<!DOCTYPE html>
<html>
<head>
    <title>Document</title>
    <style>
     img{
     height: 300px;
     width: 300px;
     border-style: solid;
     border-width: 10px;
     border-color: aqua;}

img:hover{
    height: 300px;
    width: 300px;
    border-radius: 150px;
    border-style: solid;
    border-width: 10px;
    border-color: #f4fd00;
}


    </style>
</head>
<body>
    <div>
        <img src="/IMAGES/6.2agn.jpg" alt="full stack development course">

    </div>

</body>
</html>
```

QUESTION 6.Create a navigation bar similar to question 3 with links aligned to the center On hovering the navigation links change the text color, increase the font size and make the text bold?
ANSWER:
PROGRAM:

```html
<!DOCTYPE html>
<html>
<head>
    <title>Document</title>
    <style>
nav{
    background-color: #5959d2;
    padding: 22px;
}
a{
    color: aliceblue;
    margin-left:15px;
    margin-right: 15px;
}
a:hover{
    color: #000;
    font-size: larger;
  font-weight: bolder;
}
.A{
    border: #000;
    border-style: solid;

}
.B{
    border: #000;
    border-style: dotted;

}

.C{
    border: #000;
    border-style:double;

}

.D{
    border: #000;
    border-style: groove;

}

.E{
    border: #000;
```

```
        border-style: outset;

}


    </style>
</head>
<body>
    <nav>
        <a href="" class="A">Home</a>
        <a href="" class="B">About us</a>
        <a href="" class="C">Contact</a>
        <a href="" class="D">blog</a>
        <a href="" class="E">Login</a>
    </nav>

</body>
</html>
```

QUESTION 7.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"?
ANSWER:
PROGRAM:

```
<!DOCTYPE html>
<html>
<head>
    <title>Document</title>
    <style>

        @import
url('https://fonts.googleapis.com/css2?family=Mulish:wght@1000&family=Oswald:wght@600&family=Pangolin&family=Tektur&family=Ysabeau+SC:wght@500&display=swap');
        @import
url('https://fonts.googleapis.com/css2?family=Montserrat:wght@300&family=Mulish:wght@1000&family=Oswald:wght@600&family=Pangolin&family=Tektur&family=Ysabeau+SC:wght@500&display=swap');

    h1{
        font-family: oswald;

        text-align: center;
```

```
        }
        img{
            height: 250px;
            width: 450px;
        }
        p{
            font-family:Montserrat ;
        }
    </style>
</head>
<body>
    <h1>Google Fonts</h1>
    <img src="/IMAGES/6.7agn.jpg" alt="google fonts">
    <p>Google Fonts is a library of 1513 open source font families and APIs for convenient use
via CSS and Android. The library also has delightful and beautifully crafted icons for common
actions and items. Download them for use in your digital products for Android, iOS, and
web.</p>

    <p>Our font catalog places typography front and center, inviting users to explore, sort, and
test fonts for use in more than 135 languages. We showcase individual type designers and
foundries, giving you valuable information about the typographers and their process, as well as
analytics on usage and demographics. Our series of thematic collections helps you discover
new fonts that have been vetted and organized by our team of designers, engineers, and
collaborators, and our default sort organizes fonts based on popularity, trends, and your
geographic location. You can also create your own highly customized collections by filtering
families, weights, and scripts, plus test color themes, and review sample copy. Collections can
be shared, making it easy to collaborate on projects and ensure typography is optimized and
streamlined throughout the design and engineering process. In 2021, we added icons to our
Google Fonts catalog, expanding expressive capability for our users. Our first set was the
Material icons—delightful, beautifully crafted symbols for common communication needs.
Download them on desktop to use them in your digital products for Android, iOS, and web.

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

QUESTION 8.Create a simple website as mentioned in the below image You can get the assets by visiting https:// pwskills.com/about-us ?
ANSWER:
PROGRAM:

```
<!DOCTYPE html>
<html>
<head>
```

```html
<title>Document</title>
<style>
    @import url("https://fonts.googleapis.com/css2?family=Poppins:wght@200;400;500&display=swap");
    body{
        text-align: center;
        font-family: poppins;

    }
    h1{
        color: #5d2dbf;
        font-weight: bold;
        font-size: 40px;

    }
    p{
        padding: 10px 15%;
    }
    img{
        height: 400px;
        width: 550px;
    }

    </style>
</head>
<body>
    <h1>Our Mission</h1>
    <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
upskilling courses at affordable rates, while being tech-forward so anyone, anywhere can
access and improve their ability to be successful in life.</p>
    <img src="/IMAGES/6-8agn.png" alt="image">

</body>
</html>
```

QUESTION 9.Create a simple list of items as mentioned in the below image. ?
ANSWER:
PROGRAM:
```html
<!DOCTYPE html>
<html>
```

```html
<head>
<title>Document</title>
<style>
   ol{list-style: lower-roman;
   }
</style>
</head>
<body>
   <h1>Requirements</h1>
   <ol>
      <li>System with minimum i3 processor or better.</li>
      <li>At least 4 GB of RAM.</li>
      <li>Working internet connection.</li>
      <li>Dedication to learn</li>
   </ol>

</body>
</html>
```

QUESTION 10.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:
PROGRAM:

```html
<!DOCTYPE html>
<html>
<head>
  <title>Document</title>
  <style>
img{
   height: 200px;
   width: 300px;
}
div{
   margin: 0 auto;
   background-color: aquamarine;
   border-radius: 20px;
   width: 300px;
   padding: 10px;
   opacity: 50%;
}
div:hover{
   opacity: 100%;
```

```
        }
    </style>
</head>
<body>
    <div>
        <img src="/IMAGES/6.2agn.jpg" alt="full stack development course">
    <p><b>Course Name:</b> PW skills sigma 2.0</p>
    </div>

</body>
</html>
```