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COURSE NAME:FULL STACK DEVELOPMENT

BATCH:APRIL 24

MODULE NAME:MORE ON CSS

MOBILE NUMBER:8434283953

## -----MORE ON CSS-----

### Question: 1

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:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <title>Navigation Bar Example</title>
  <link rel="stylesheet" href="p1.css">
</head>
<body>
  <nav class="navbar">
    <ul class="navbar__list">
      <li class="navbar__item"><a href="#"
class="navbar__link">Home</a></li>
      <li class="navbar__item"><a href="#"
class="navbar__link">About Us</a></li>
      <li class="navbar__item"><a href="#"
class="navbar__link">Contact</a></li>
      <li class="navbar__item"><a href="#"
class="navbar__link">Blog</a></li>
      <li class="navbar__item"><a href="#"
class="navbar__link">Login</a></li>
    </ul>
```

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

## Css code

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

/* Styling the Navbar */
.navbar {
    background-color: #5a9bd4; /* Blue background color */
    padding: 15px;
    text-align: center;
}

.navbar__list {
    list-style: none;
    display: flex;
    justify-content: left;
}

.navbar__item {
    margin: 0 15px;
}

.navbar__link {
    color: #fff; /* White text color */
    font-size: 16px;
}

.navbar__link:hover {
    color: #454545; /* Dark color on hover */
}
```

Output:



## Question 2:

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



## Answer:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <title>Centered Div with Image and Paragraph</title>
  <link rel="stylesheet" href="p2.css">
</head>
<body>
  <div class="card">
    
    <p class="card__description">
      <strong>Course Name:</strong> PW Skills full stack web
development
    </p>
  </div>
</body>
</html>
```

## Css code

```
/* Basic Reset */
* {
  margin: 0;
```

```
padding: 0;
box-sizing: border-box;
}

/* Body Styling */
body {
  display: flex;
  justify-content: center;
  align-items: center;
  height: 100vh;
  background-color: #fff;
}

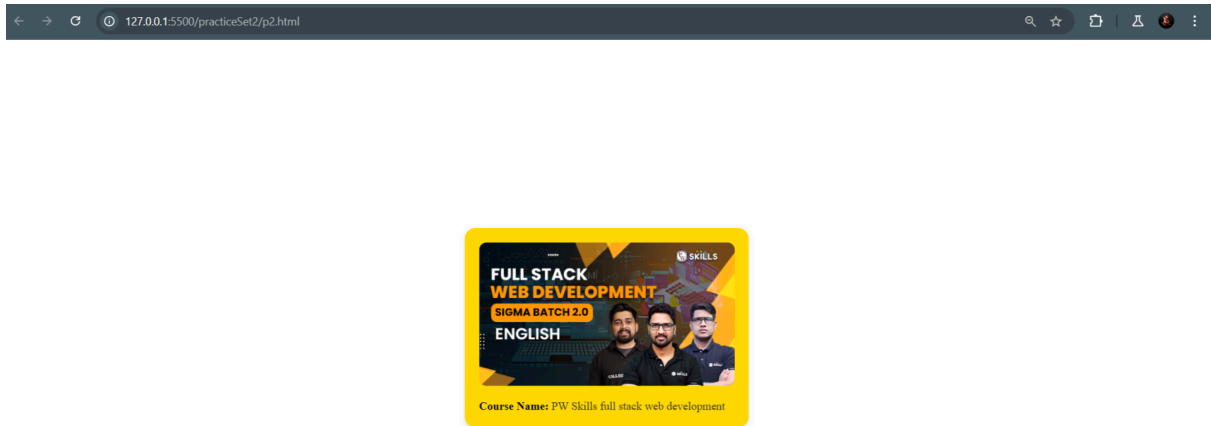
/* Card Styling */
.card {
  background-color: #ffd700; /* Golden background color */
  border-radius: 15px;
  box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
  text-align: left;
  padding: 20px;
  max-width: 400px;
  width: 100%;
}

/* Image Styling */
.card__image {
  width: 100%;
  border-radius: 10px;
}

/* Paragraph Styling */
.card__description {
  margin-top: 15px;
  font-size: 16px;
  color: #333;
}

.card__description strong {
  color: #000;
}
```

## Output:



## Question 3:

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

## Answer:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <title>Navigation Bar with Different Border Styles</title>
  <link rel="stylesheet" href="p3.css">
</head>
<body>
  <nav class="navbar">
    <ul class="navbar__list">
      <li class="navbar__item navbar__item--solid"><a href="#"
class="navbar__link">Home</a></li>
      <li class="navbar__item navbar__item--dotted"><a href="#"
class="navbar__link">About Us</a></li>
      <li class="navbar__item navbar__item--dashed"><a href="#"
class="navbar__link">Contact</a></li>
      <li class="navbar__item navbar__item--double"><a href="#"
class="navbar__link">Blog</a></li>
      <li class="navbar__item navbar__item--groove"><a href="#"
class="navbar__link">Login</a></li>
    </ul>
  </nav>
</body>
</html>
```

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

## Css code:

```
/* Basic Reset */
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}
/* Styling the Navbar */
.navbar {
    background-color: #5a9bd4; /* Blue background color */
    padding: 15px;
    text-align: center;
}
.navbar__list {
    list-style: none;
    display: flex;
    justify-content: left;
}
.navbar__item {
    margin: 0 15px;
}
.navbar__link {
    text-decoration: none;
    color: #fff; /* White text color */
    font-size: 16px;
    font-weight: bold;
    padding: 10px;
    display: block;
}
/* Different border styles for each item */
.navbar__item--solid .navbar__link {
    border: 2px solid #fff;
}
.navbar__item--dotted .navbar__link {
    border: 2px dotted #fff;
}
.navbar__item--dashed .navbar__link {
    border: 2px dashed #fff;
}
```

```
.navbar__item--double .navbar__link {
    border: 2px double #fff;
}
.navbar__item--groove .navbar__link {
    border: 2px groove #fff;
}
/* Hover effect */
.navbar__link:hover {
    color: #454545; /* Dark color on hover */
    border-color: #454545; /* Dark color of border on hover */
}
```

Output:



Question:4

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

Answer:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Circular Image Example</title>
    <link rel="stylesheet" href="p4.css">
</head>
<body>
    <div class="image-container">
        
    </div>
</body>
</html>
```

## Css code:

```
/* Basic Reset */
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}
body {
  display: flex;
  justify-content: center;
  align-items: center;
  height: 100vh;
  background-color: #fff;
}
/* Image Container */
.image-container {
  text-align: center;
}
/* Circular Image Styling */
.circular-image {
  width: 200px;
  height: 200px;
  border-radius: 50%;
  object-fit: cover;
  background-color: #f0f0f0;
  border: 5px solid #fff; /* Added border around the image */
  box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1); /* Added shadow for a
nicer effect */
}
```

## Output:





## Question 5:

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.

## Answer:

```
<!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="p5.css">
  <!-- Google Fonts -->
  <link
href="https://fonts.googleapis.com/css2?family=Montserrat:wght@400&fami
ly=Oswald:wght@400&display=swap" rel="stylesheet">
</head>
<body>
  <div class="container">
    <h1 class="heading">Google Fonts</h1>
    
    <p class="paragraph">
      Google Fonts is a library of over 1,000 free licensed font
      families, an interactive web directory for browsing the library, and
      APIs for conveniently using the fonts via CSS and Android. It was
      launched in 2010 and is one of the most popular font libraries
      available, providing a wide range of fonts that can be easily
      integrated into websites to enhance typography and design.
```

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

## Css code

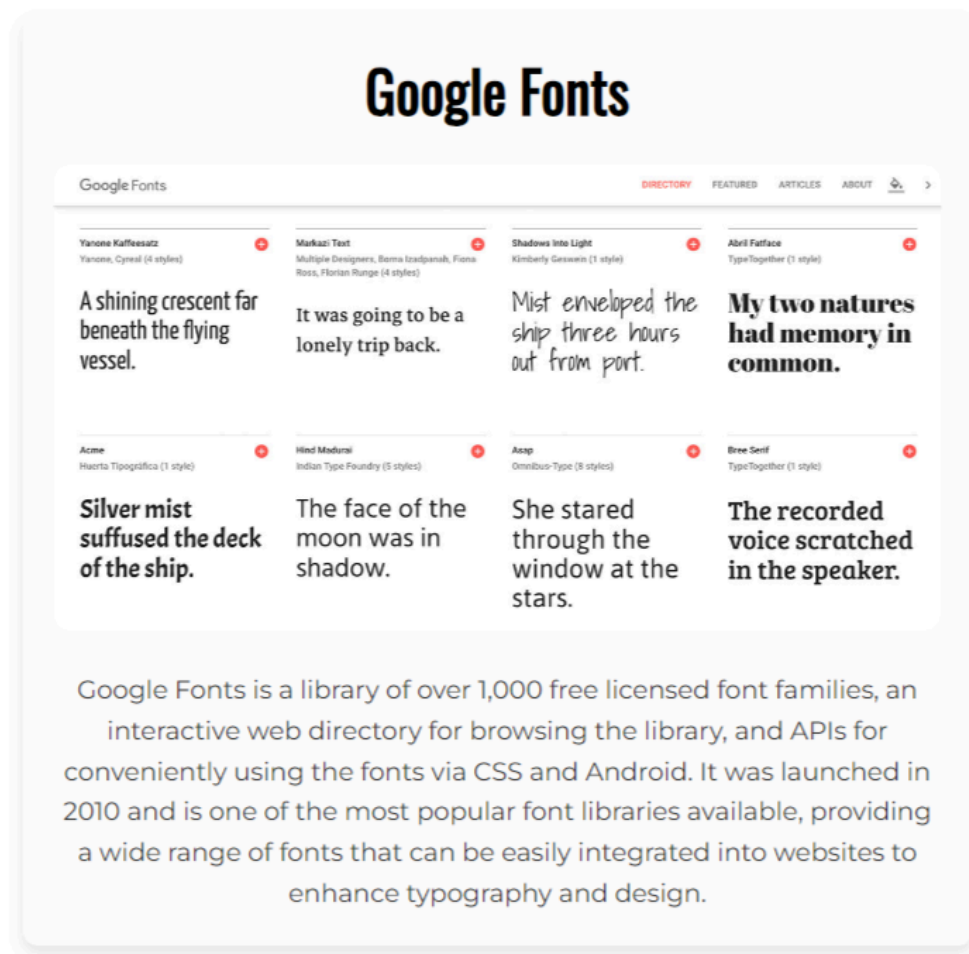
```
/* Basic Reset */
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}
/* Body Styling */
body {
    font-family: 'Montserrat', sans-serif; /* Default font for body text */
    background-color: #fff;
    display: flex;
    justify-content: center;
    align-items: center;
    height: 100vh;
}
.container {
    text-align: center;
    background-color: #fbfbfb;
    padding: 20px;
    border-radius: 10px;
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
    max-width: 600px;
    width: 100%;
}
.heading {
    font-family: 'Oswald', sans-serif;
    font-size: 36px;
    margin-bottom: 20px;
}
.image {
    width: 100%;
    height: auto;
    border-radius: 10px;
    margin-bottom: 20px;
}
```

```

}
.paragraph {
  font-size: 16px;
  line-height: 1.6;
  color: #333;
}

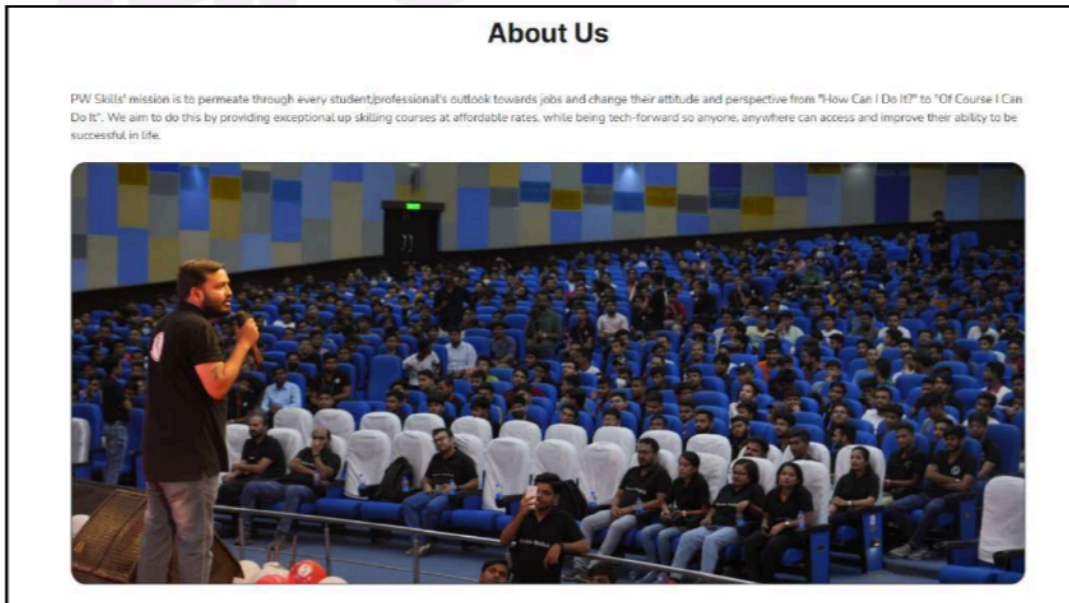
```

Output:



Question 6:

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



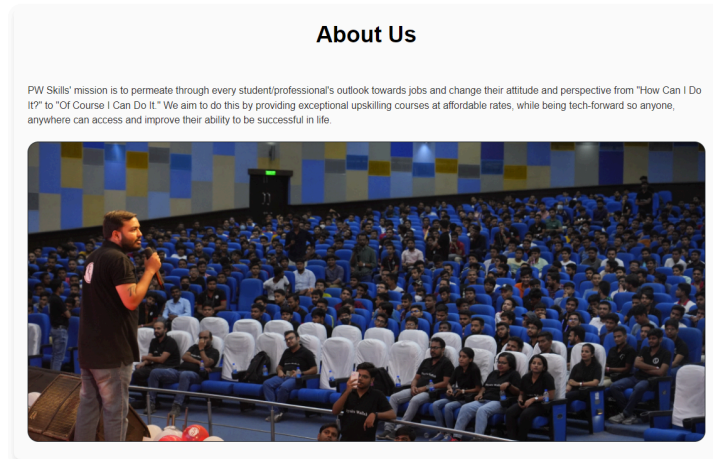
Answer:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <title>About Us - PW Skills</title>
  <link rel="stylesheet" href="p6.css">
</head>
<body>
  <div class="container">
    <h1 class="heading">About Us</h1>
    <p class="description">
      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>
    
  </div>
</body>
</html>
```

## Css code

```
/* Basic Reset */
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}
body {
  font-family: 'Arial', sans-serif;
  background-color: #ffff;
  display: flex;
  justify-content: center;
  align-items: center;
  min-height: 100vh;
}
.container {
  background-color: #fbfbfb;
  padding: 20px;
  border-radius: 10px;
  box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
  max-width: 1000px;
  width: 100%;
  text-align: center;
}
.heading {
  font-size: 32px;
  margin-bottom: 50px;
}
.description {
  font-size: 14px;
  line-height: 1.5;
  color: #333;
  margin-bottom: 20px;
  text-align: left;
}
.about-image {
  width: 100%;
  height: auto;
  border-radius: 10px;
}
```

## Output:



## Question 7:

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.

Without hover



After hover



## Answer:

```
<!DOCTYPE html>
```

```

<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <title>Card Hover Effect</title>
  <link rel="stylesheet" href="p7.css">
</head>
<body>
  <div class="card">
    
    <p class="card__description">
      <strong>Course Name:</strong> PW Skills full stack web
development
    </p>
  </div>
</body>
</html>

```

## Css code:

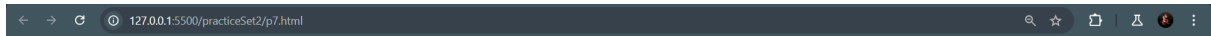
```

/* Basic Reset */
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}
body {
  display: flex;
  justify-content: center;
  align-items: center;
  height: 100vh;
  background-color: #fff;
}
/* Card Styling */
.card {
  background-color: #7fffd5; /* Skygreen background color */
  border-radius: 15px;
  box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
  text-align: left;
  padding: 20px;
  max-width: 400px;
  width: 100%;
}

```

```
        opacity: 0.5;
    }
    /* Card after hover */
    .card:hover {
        opacity: 1;
    }
    .card__image {
        width: 100%;
        border-radius: 10px;
    }
    .card__description {
        margin-top: 15px;
        font-size: 16px;
        color: #333;
    }
    .card__description strong {
        color: #000;
    }
}
```

Output:



Question:8



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

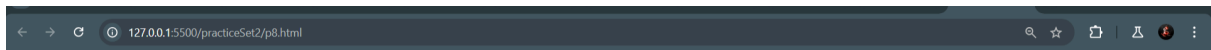
## Requirements

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

Answer:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <title>Requirements List</title>
  <style>
    /* List Styling */
    .requirements-list {
      line-height: 1.5;
      list-style-type: lower-roman;
    }
  </style>
</head>
<body>
  <div class="container">
    <h1 class="heading">Requirements</h1>
    <ol class="requirements-list">
      <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>
  </div>
</body>
</html>
```

# 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.