CSS Assignment 3

Question 1: How Can You Create a Box Using `<div>` With Specific Styles?

- Create a `<div>` element and apply the following styles:
    1. Set dimensions:
        - Height: `150px`
        - Width: `300px`
    2. Set background color: `grey`
    3. Apply a border:
        - Style: `dotted`
        - Width: `5px`
        - Color: `black`
    4. Set margins:
        - Top: `20px`
        - Right: `1em`
        - Bottom: `40px`
        - Left: `2em`
    5. Apply padding: `1em` on all sides

Question 2: How Can You Create Three Circular `<div>` Elements in a Single Line?

- **Create three `<div>` elements with the following properties:**
  1. **Set dimensions:**
     - **Height: `100px`**
     - **Width: `100px`**
  2. **Set background color: `pink`**
  3. **Apply a border:**
     - **Style: `solid`**
     - **Width: `2px`**
     - **Color: `black`**
  4. **Make the div circular: Use `border-radius: 50%`**
  5. **Arrange them in a single line: Use appropriate CSS styling**

Question 3: How Can You Create a List of Technologies and Display It in a Single Line?

1. **Create a list containing the following technologies:**
   - **HTML**
   - **CSS**
   - **JavaScript**
   - **NodeJS**
   - **ReactJS**
   - **SQL**
   - **MongoDB**
   - **Java**

- ○ **C++**
- ○ **C & Python**
2. **Modify the list so that all items appear in a single line using** `display: inline;`
3. **Bonus Question: What happens to the bullet points when you change the display property to inline? Can you find out why they disappear?**

HTML code:-

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta
http-equiv="X-UA-Compatible"
content="IE=edge" />
    <meta name="viewport"
content="width=device-width,
initial-scale=1.0" />
    <title>CSS Assignment</title>
    <link rel="stylesheet"
href="style.css" />
```

```html
  </head>
  <body>
    <div id="box1">This is
box1</div>
    <div id="box2">This is
box2</div>
    <div id="box3">This is
box3</div>
    <div id="box4">This is
box4</div>
    <div id="myPic">This is my
Pic</div>
  </body>
</html>
```

CSS Code :-

```css
/* Qs1. Add a 2s transition on
box1 for width changes.
    It should have 'ease-in'
speed curve & 0.5s delay  */
```

```css
#box1 {
    width: 100px;
    height: 100px;
    background: green;
}

#box1:hover {
    width: 600px;
}


/* Qs2. Using transform,
move box2 200px to the right  &
         200px down. Also
rotate it 90deg.*/

#box2 {
    width: 100px;
    height: 100px;
    background: red;
}
```

```css
    /* Qs3. Using transform,
skew box3 20deg along the x
axis.*/

    #box3 {
        width: 100px;
        height: 100px;
        background: lightblue;
    }


    /* Qs4. Set a 2px horizontal
& 2px vertical, green shadow
          for box4, with a 5px
blur radius.*/

    #box4 {
        width: 100px;
        height: 100px;
        background: lightgreen;
    }
```

```css
    /* Qs5. Set Your picture or
any picture as the background of
the div
            "myPic". Also, set
transparency of this div to 50%.
*/


    #myPic {
    width: 200px;
    height: 200px;
    background: pink;
    }
```