

# PW SKILL ASSIGNMENT

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## Task 1:

### Problem Statement:

Explain the purpose of using the var() function in css. Also you have created two buttons with id named primary Btn and secondary Btn which should be given background colors using the var() function. The color code for primary Color is #00b7ff and secondary Color is #6c757d.

### Expected Code Output:



## Solution:

### Code

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>using var function</title>
<style>
  :root{
    --primary-color:#00b7ff;
    --secondary-color: #6c757d;
  }
  #primary_btn{
```

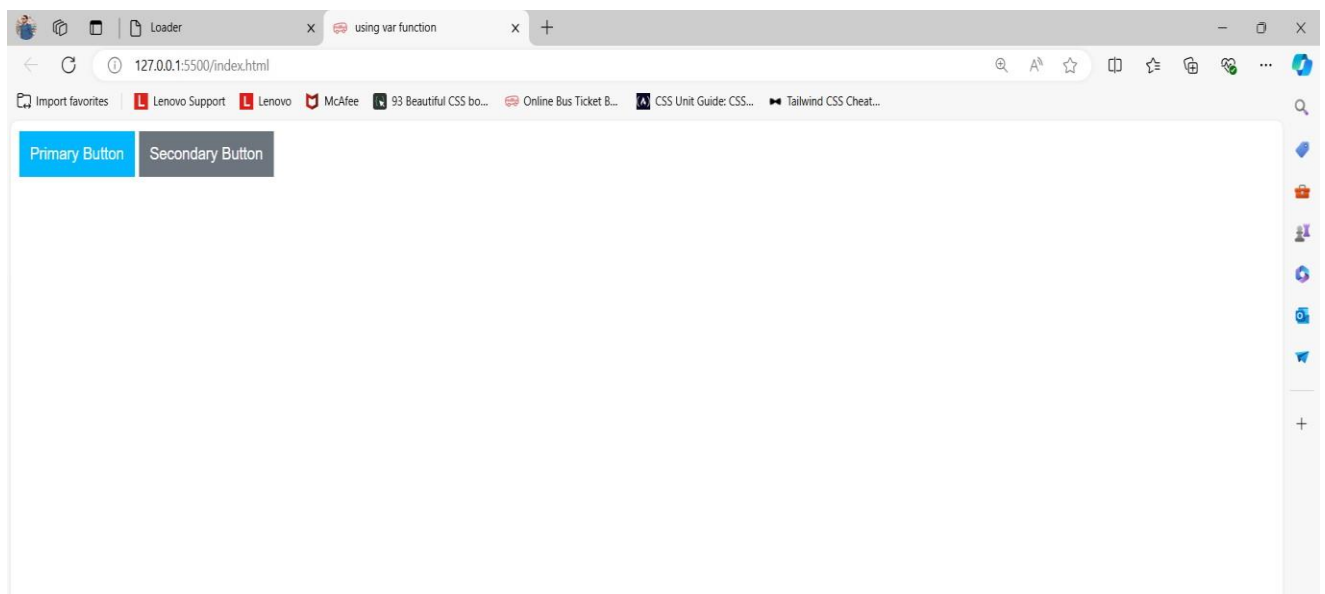
```

        background-color: var(--primary-color);
    }
    #secondary_btn{
        background-color: var(--secondary-color);
    }
    .btn{
        border: none;
padding: 10px;
        color: white;
    }

</style>
</head>
<body>
    <div class="button">
        <button class="btn" id="primary_btn">Primary Button</button>
        <button class="btn" id="secondary_btn">Secondary Button</button>
    </div>
</body>
</html>

```

## Out Put

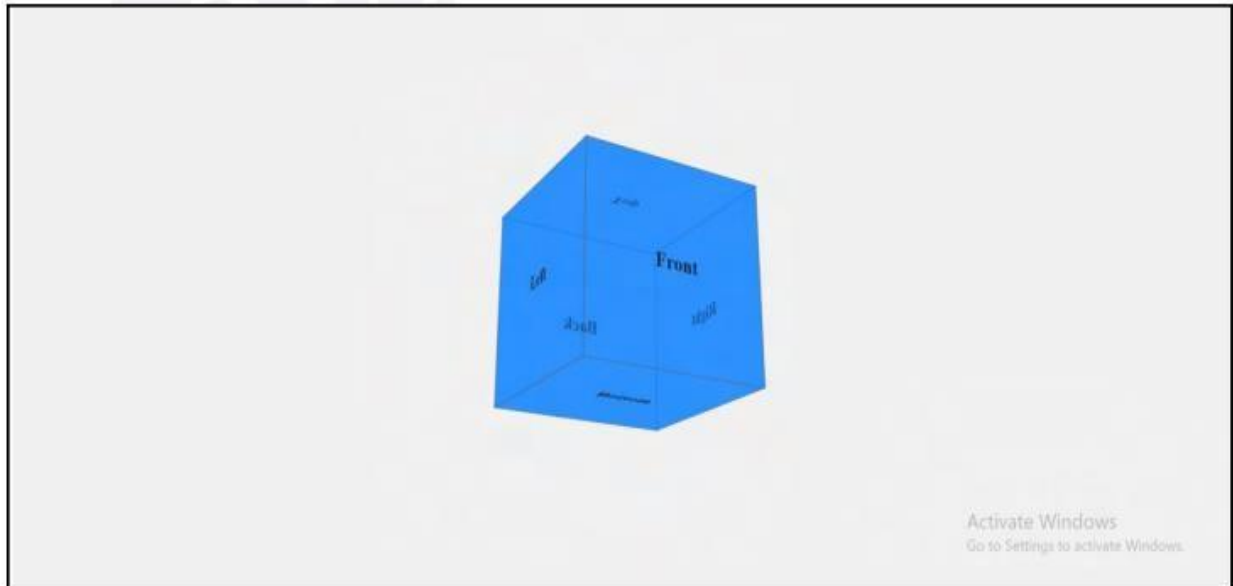


## Task 2:

### Problem Statement:

Create a 3D cube using the transform property of CSS. **Expected**

**Code Output:**



**Solution:**

**Code (HTML)**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>3D Cube</title>
  <link rel="stylesheet" href="3Dcube.css">
</head>
<body>
  <div class="cube">
    <div class="face front"><p>Front</p></div>
    <div class="face back"><p>Back</p></div>
    <div class="face left"><p>Left</p></div>
    <div class="face right"><p>Right</p></div>
    <div class="face top"><p>Top</p></div>
    <div class="face bottom"><p>Bottom</p></div>
  </div>
</body>
</html>
```

## Code (CSS)

```
body {  
  display: flex;  
  justify-content: center;  
  align-items: center;  
  height: 100vh;  
  margin: 0;  
  background-color: #f0f0f0;  
}
```

```
.cube {  
  width: 200px;  
  height: 200px;  
  position: relative;  
  transform-style: preserve-3d;  
  transform: rotateX(-20deg) rotateY(-20deg);  
  animation: rotate 5s infinite linear;  
}
```

```
.face {  
  position: absolute;  
  width: 200px;  
  height: 200px;  
  background: rgba(20, 100, 250, 0.5);  
  border: 2px solid black;  
  box-sizing: border-box;  
  color: white;  
  text-align: center;  
}
```

```
p{  
  margin: 80px auto;  
}
```

```
.front {  
  transform: translateZ(100px);  
}  
.back {  
  transform: rotateY(180deg) translateZ(100px);  
}  
.left {
```

```

    transform: rotateY(-90deg) translateZ(100px);
}
.right {
    transform: rotateY(90deg) translateZ(100px);
}
.top {
    transform: rotateX(90deg) translateZ(100px);
}
.bottom {
    transform: rotateX(-90deg) translateZ(100px);
}

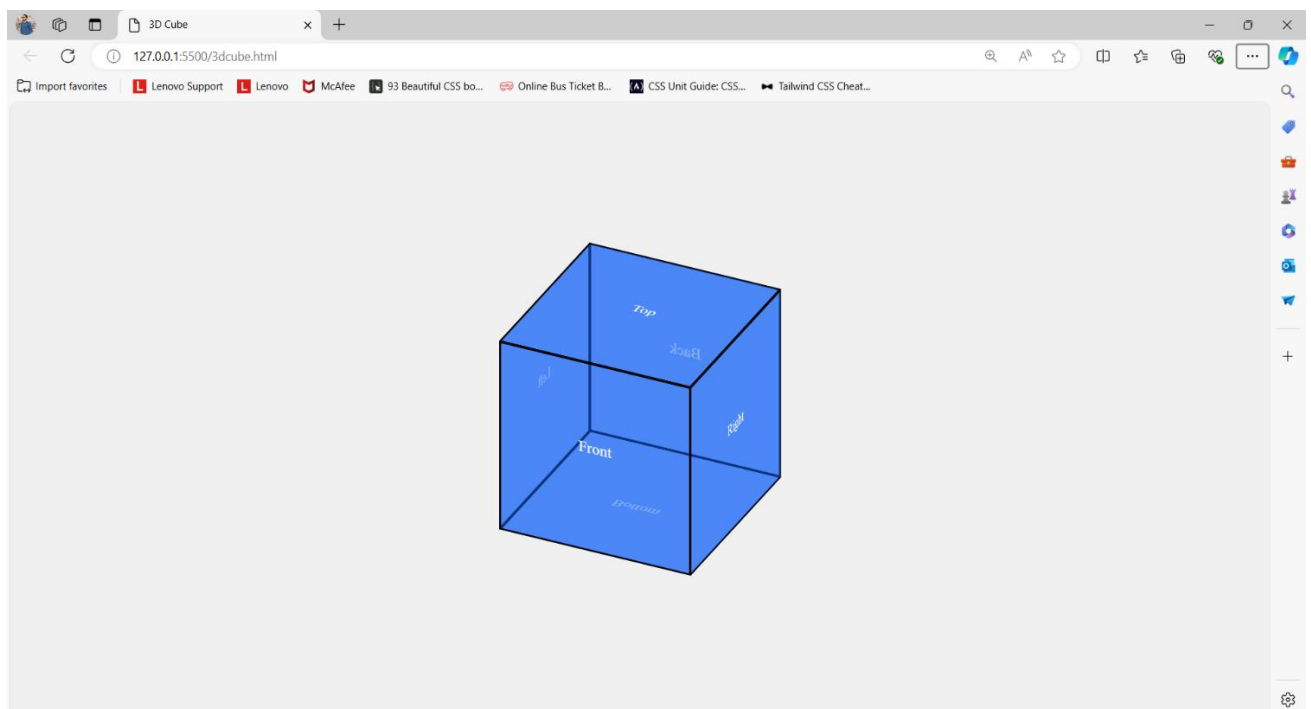
```

```

@keyframes rotate {
    from {
        transform: rotateX(-30deg) rotateY(-30deg);
    }
    to {
        transform: rotateX(-30deg) rotateY(330deg);
    }
}

```

## Out Put

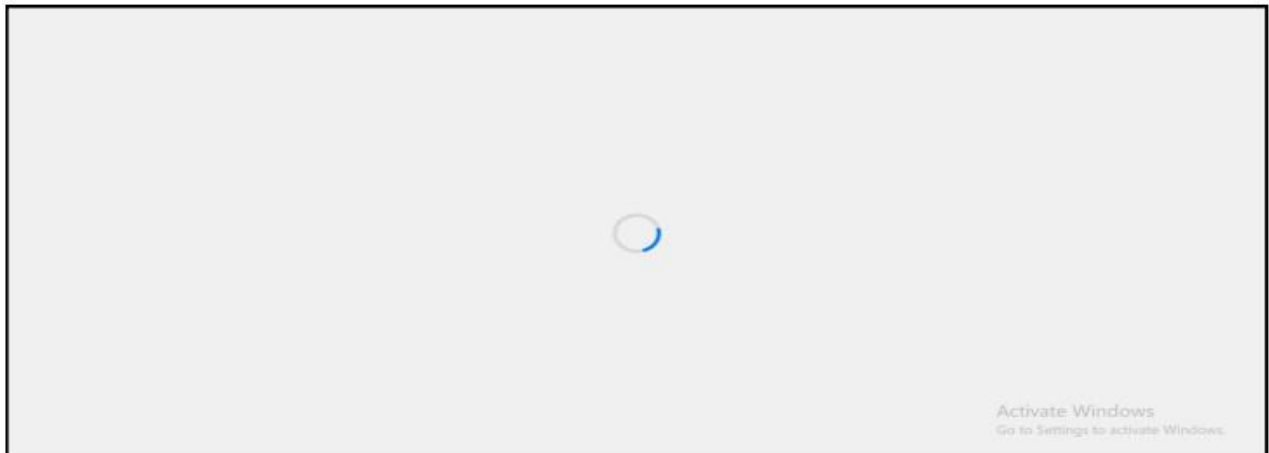


### Task 3:

#### Problem Statement:

Create a simple circular loader which will rotate continuously to look like a loading screen on a website.

#### Expected Code Output:



#### Solution:

##### Code

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
</title>Loader</title>
<style>
  .loader{
    margin: 200px auto;
height: 100px;      width:
100px;
    border: 10px solid gainsboro;
border-radius: 50%;    border-top:
10px solid blue;
    animation: spin 2s linear infinite;
  }
  @keyframes spin{
    0%{
      transform: rotate(0deg);
```

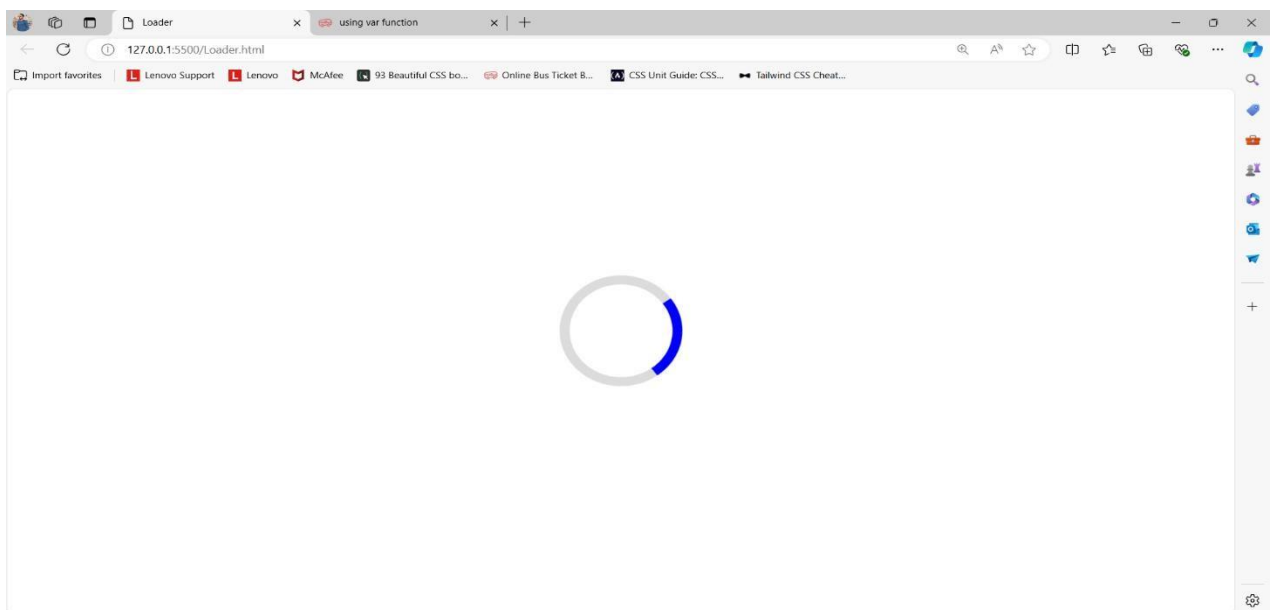
```

    }
    50%{
        transform: rotate(180deg);
    }
    100%{
        transform: rotate(360deg);
    }
}

</style>
</head>
<body>
    <div class="loader"></div>
</body>
</html>

```

## Out Put



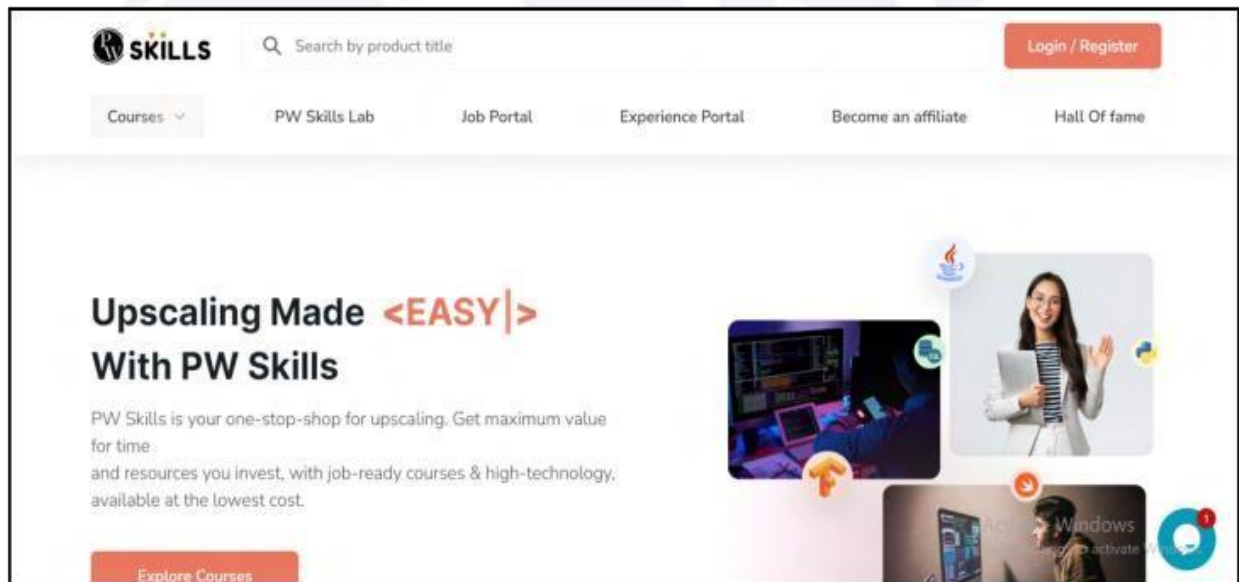
## Task 4:

### Problem Statement:

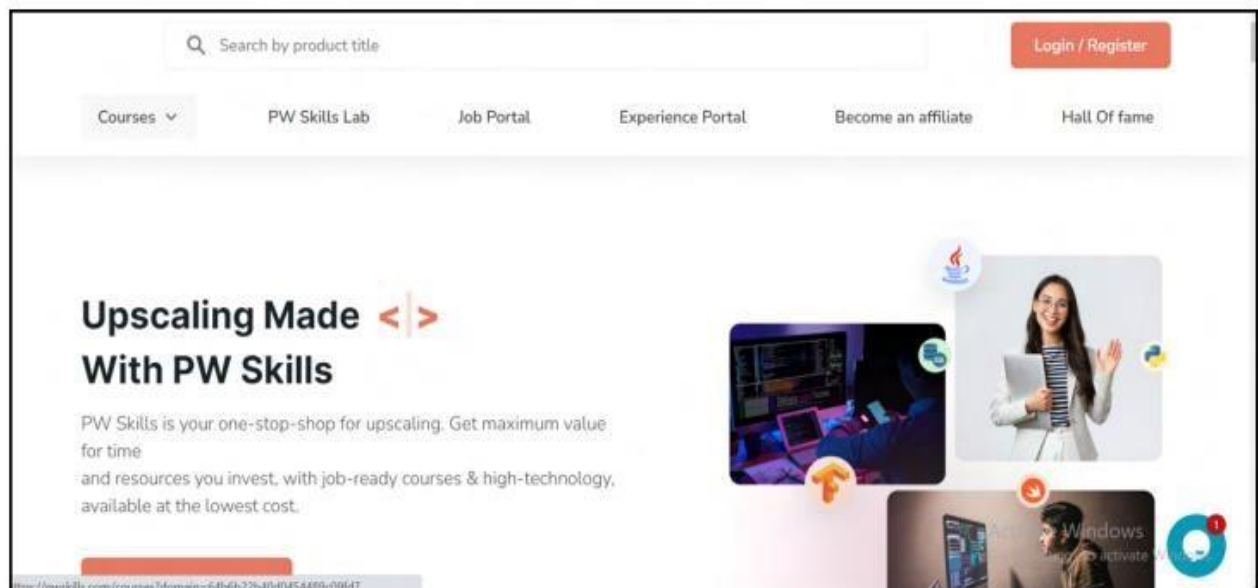
You have to visit the PW Skills website (<https://pwskills.com/>) and have to hide the logo by using the developer tool. This should be done using the css and developer tool only, use of javascript is prohibited.

### Expected Code Output:

## Default Output



## Final Output



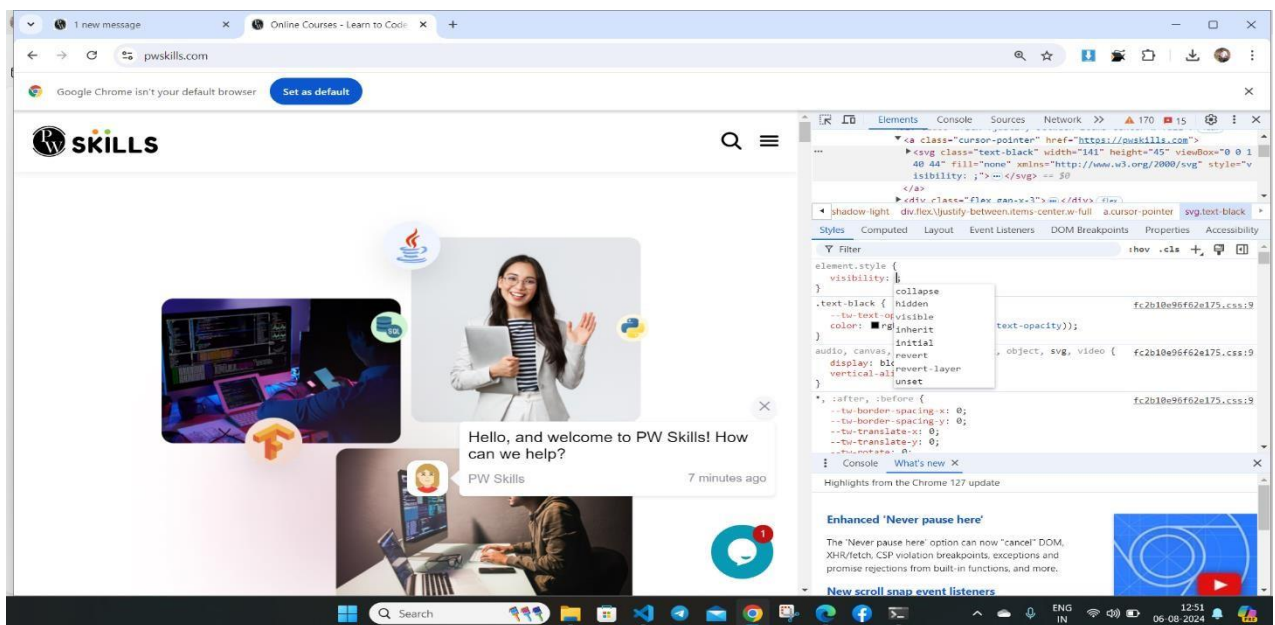
## Solution:

I hide the logo using css in web developer tools. I given the visibility property for hide the logo.

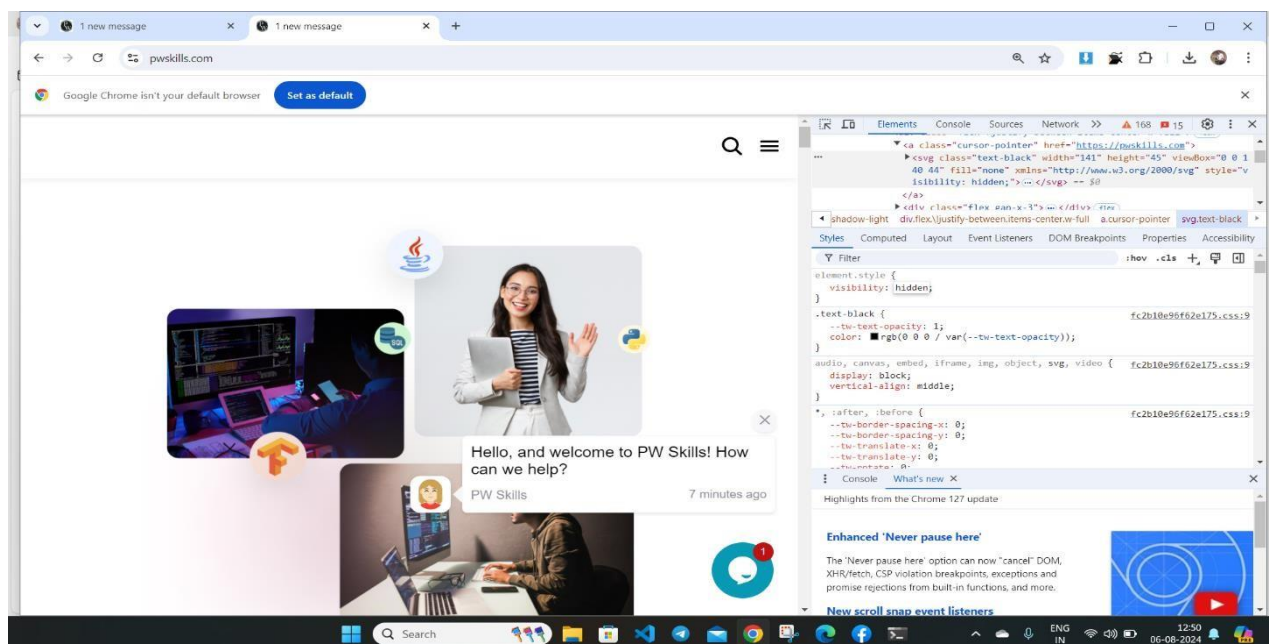
## Out Put

Before visibility property:





## After visibility Property:



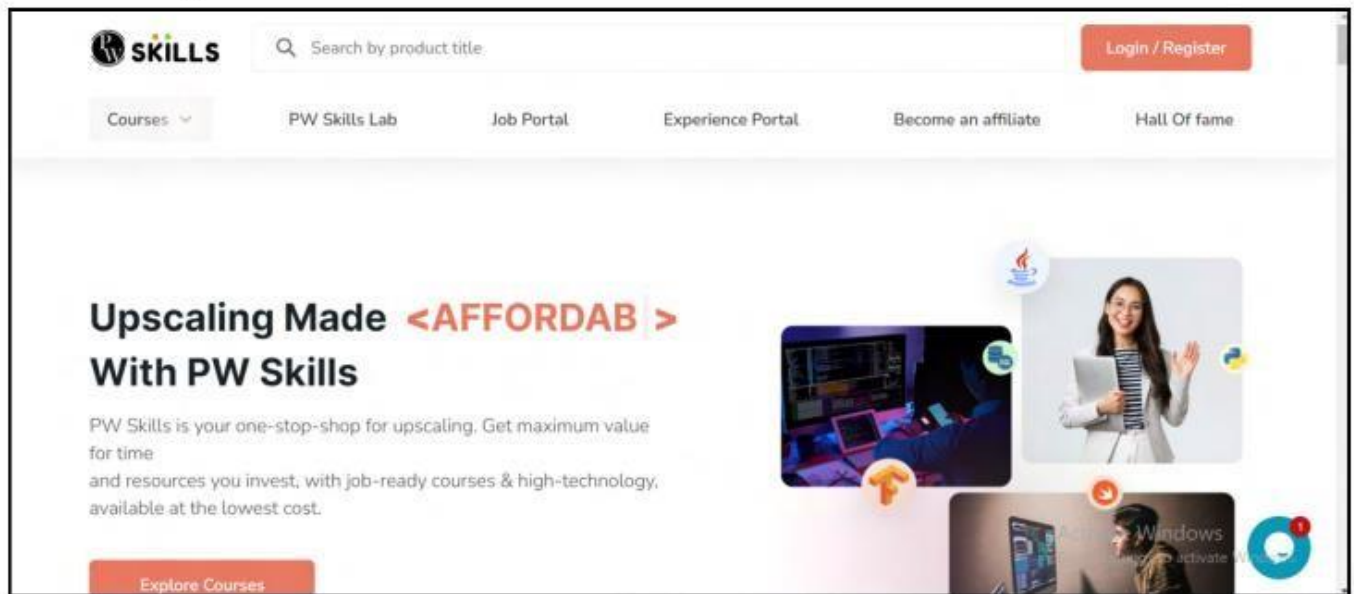
## Task 5:

### Problem Statement:

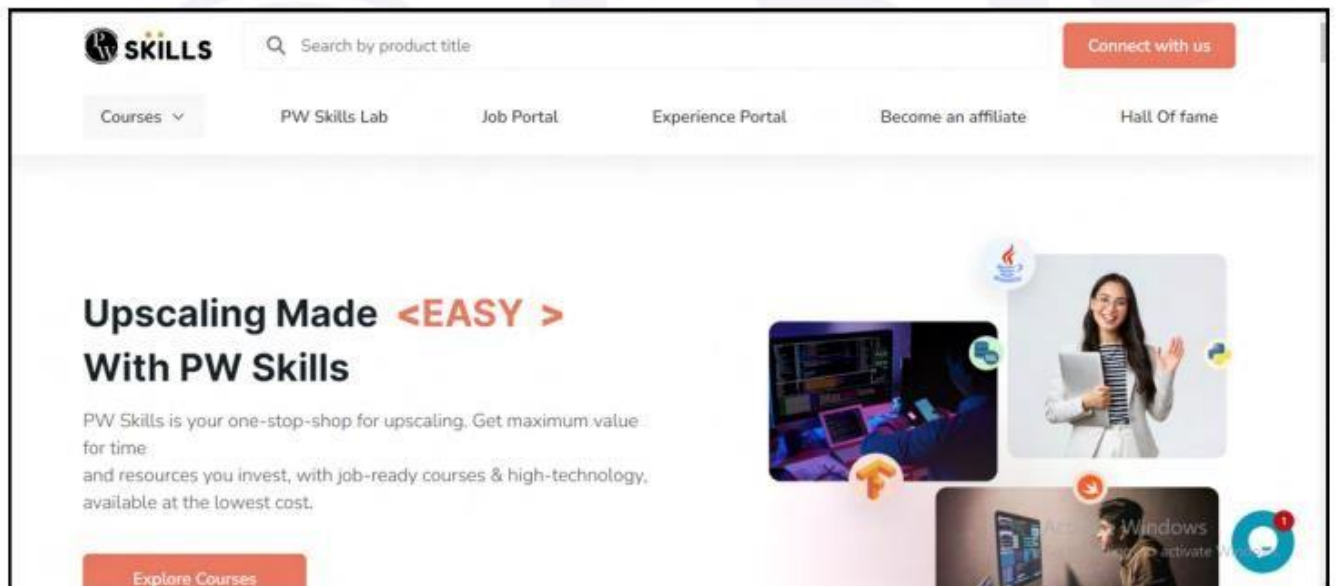
You have to visit the PW Skills website (<https://pwskills.com/>) and have to change the content of the 'Login / Register' button to 'Connect with us' using the developer tool. This should be done using the elements of developer tools only, use of javascript is prohibited.

### Expected Code Output:

## Default Output



## Final Output

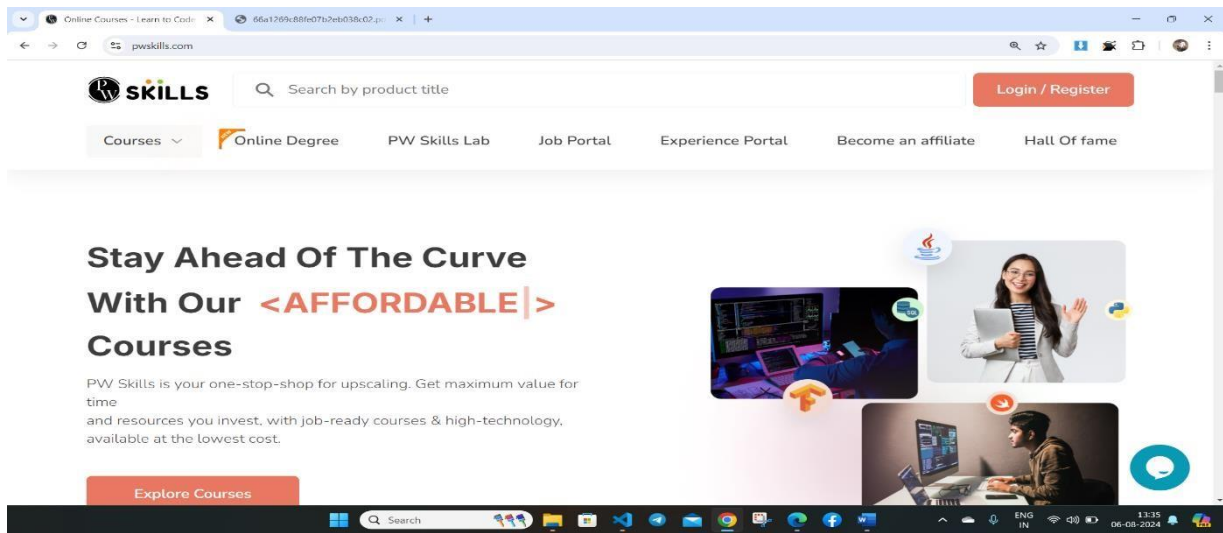


## Solution:

I visited the site and open web developer tool and change the button content.

## Out Put

## Before changing:



After changing:

