1b. Develop a portfolio website containing your photo and Personal Profile. Demonstrate the following using GitHub
    I. How to create a GitHub Repository
    Ii. How to clone the repository to the local drive
    Iii. How to push and commit the code
    Iv. Make the website or webpage in the storage to be remotely accessible.

Step 1: Create a GitHub Repository

Sign in or Create an Account: If you don't have a GitHub account, go to [GitHub](#) and sign up.

Create a New Repository:

- Click on the "+" sign in the top right corner of the GitHub interface and select "**New Repository**."
- Fill in the repository name (e.g., "portfolio-website") followed by the **github.io** extension.
- Choose visibility (public or private) based on your preference.
- Optionally, you can initialize the repository with a README file.

Step 2: Clone the Repository to the Local Drive

- Sign in to GitHub for Desktop and add the repository then Navigate to the directory where you want to clone the repository and finally clone it. In the local drive, a copy of the repository will be generated.

Step 3:Push and Commit the Code

Add Your Portfolio Files:

- Add your portfolio website files (HTML, CSS, images, etc.) to the cloned repository directory.
- Stage and Commit Changes:

Push Changes to GitHub:

    After committing, push your changes to the GitHub repository using:

Step 4: Make the Website Remotely Accessible

GitHub Pages:

- Go to your GitHub repository on the GitHub website.
- Click on the "Settings" tab.
- Scroll down to the "GitHub Pages" section.
- Choose the main **branch (or your preferred branch) as the source.**
- **Click "Save."**

Sample code:

Index.html

```html
<!DOCTYPE html>

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link rel="stylesheet" href="styles.css">

    <title>Your Portfolio</title>

</head>

<body>

    <header>

        <h1>Your Name</h1>

    </header>


    <main>

        <section class="profile">

            <div class="photo">

                <img src="your-photo.jpg" alt="Your Photo">

            </div>

            <div class="bio">

                <h2>About Me</h2>

                <p>
```

Write a brief description of yourself here. Mention your interests, skills, and experiences.

        </p>

      </div>

    </section>

  </main>

  <footer>

    <p>© 2023 Your Name. All rights reserved.</p>

  </footer>

</body>

</html>

<u>Styles.css</u>

```css
body, h1, h2, p {

  margin: 0;

  padding: 0;

}


/* Global Styles */

body {

  font-family: Arial, sans-serif;

  line-height: 1.6;
```

```css
}


header {

    background-color: #333;

    color: #fff;

    text-align: center;

    padding: 1rem;

}


main {

    padding: 2rem;

}


.profile {

    display: flex;

    align-items: center;

}


.photo {

    flex: 1;

    padding: 0 2rem;

}
```

```css
.photo img {

    max-width: 100%;

    height: auto;

    border-radius: 50%;

    box-shadow: 0 0 10px rgba(0, 0, 0, 0.2);

}


.bio {

    flex: 2;

}


footer {

    text-align: center;

    padding: 1rem 0;

    background-color: #333;

    color: #fff;

}


/* Media Queries */

@media screen and (max-width: 768px) {

    .profile {

        flex-direction: column;

    }}
```