**Orange Digital Center – Codding School**  
Cuttington University Campus, Suakoko  
Bong County, Liberia

**Introduction to Web Development**

**Week-4 Lesson**

**GitHub and GitHub Pages Tutorial**

**Setting Up GitHub**

Step 1: Create a GitHub Account

1. Visit GitHub's website: <https://github.com/>

2. Click on the Sign Up button.

3. Fill in the required details (username, email, password) and follow the instructions to create your account.

**Using GitHub**

Step 6: Creating a Repository on GitHub

1. Go to GitHub: <https://github.com/>

2. Click the + icon in the top-right corner and select New repository.

3. Fill in the repository name, description (optional), and choose Public or Private.

4. Click Create repository.

**Pushing Local Repository to GitHub**

1. Follow the instructions provided by GitHub after creating the repository.

2. Add the remote URL to your local repository:

* git remote add origin https://github.com/your-username/my-github-project.git

3. Push your changes to GitHub:

* git push -u origin master

**Deploying with GitHub Pages**

**Enable GitHub Pages:**

1. Go to your repository on GitHub.

2. Click on Settings.

3. Scroll down to the GitHub Pages section.

4. Under Source, select the branch you want to deploy (typically `master` or `main`) and the folder (`root` for main directory).

5. Click Save.

**Access Your Website**

1. After a few minutes, your site will be available at `https://your-username.github.io/repository-name/`.

**References:**

1. GitHub Docs: Create a Repository: <https://docs.github.com/en/github/creating-cloning-and-archiving-repositories/creating-a-new-repository>

2. GitHub Pages Documentation: <https://docs.github.com/en/pages/getting-started-with-github-pages/creating-a-github-pages-site>

**Week4 Task:**

Choose any website project of their choice and create it using HTM, CSS, and JavaScript; when done, deploy your project on GitHub for everyone to access.