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.