A close up of a logo

Description automatically generated

**Assignment#1 (HTML&CSS)**

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Course Title: Web Programming

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Live: [Portfolio - Shawkat Hossain Maruf](https://shawkath646.github.io/portfolio-assignment-01/)

Source: [shawkath646/portfolio-assignment-01](https://github.com/shawkath646/portfolio-assignment-01)

Due date: **13 April, 11:50pm (Sunday)**

**Build a Personal Portfolio Website**

**OBJECTIVE:**

You have to build and develop a multi-page **Personal Portfolio Website** using **HTML5 and CSS3**. The website should showcase your profile, projects, skills, and contact information with a clean, modern, and responsive design.

Sample Website: [Dr. Abolghasem Sadeghi-Niaraki](https://www.abolghasemsadeghi-n.com/) (https://www.abolghasemsadeghi-n.com/)

The link above is sample website, you don’t have to make it to much complicated like that for now only just the basic HTML CSS concept. Please use it as a reference for idea for you own website and use to complete for task 5 if possible.

**ASSIGNMENT REQUIREMENTS:**

**1. Folder Structure: Your submission must follow the structure listed below**

/portfolio

┣ /images (folder store for all of your images)

┣ /css (folder store for many css style)

┃ ┗ style.css

…

┣ index.html

┣ about.html

┣ projects.html

┣ contact.html

**2. Pages Overview: Basic Requirements you need to at least create this page for your website**

***All page must go with their corresponding external css file***

***You can create more if you want but 4 page below is a MUST***

| **Page** | **Content** |
| --- | --- |
| index.html | Home Page - Welcome message, navigation menu, brief introduction, call-to-action button |
| about.html | About Me - Detailed profile, education, hobbies, professional summary |
| projects.html | Projects - A grid layout of at least 4 projects with images, titles, short descriptions, and links |
| contact.html | Contact Me - Contact form (Name, Email, Message), social media links, and contact details |

**3. HTML Requirements:**

* Use **Semantic HTML5 tags** (header, nav, section, article, footer, aside, etc.)
* Include **meta tags** for responsiveness and SEO.
* Use **lists**, **tables**, **forms**, **images**, and **links**.
* Implement **internal navigation**.
* Properly use headings (h1 - h6), paragraphs, and other block/inline elements.

**4. CSS Requirements:**

* Use **external CSS file**.
* Apply **box model concepts** (margin, padding, border).
* Use **Flexbox and Grid layout** techniques.
* Implement **hover effects** on buttons, links, and images.
* Use **media queries** to make the website **responsive** for mobile, tablet, and desktop.
* Use **CSS variables** where appropriate for color themes.

**5. Bonus Tasks (Optional but recommended for higher grades):**

* Use **CSS pseudo-classes and pseudo-elements** (e.g., :hover, :nth-child, ::before, ::after).
* Add a **smooth scrolling effect**.
* Implement a **sticky navigation bar**.
* Add **favicon**.
* Apply **custom fonts** using Google Fonts.
* Add **transitions and animations** for interactivity.