AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH (AIUB)

Faculty of Science and Technology (FST)
Department of Computer Science (CS)
Course: Web Technologies

Lab Task 02: CSS Units and Selector Types

Instructions:

1. **Complete the task using HTML and CSS only.**
2. **Do not use JavaScript.**
3. **Use external CSS (style.css) for most styling.**
4. **Push all files to your GitHub repository after completion.**

Scenario:

Different devices and screen sizes require understanding CSS measurement units and selector specificity. This lab introduces absolute and relative units and commonly used selector types.

Part A: CSS Units

Apply both absolute and relative units:

Absolute units:

- px
- cm or mm

Relative units:

- %
- em
- rem
- vh or vw

Use them for:

- Font sizes
- Widths and heights
- Margins and padding

Part B: Selector Types

Use the following selectors at least once:

1. Group selector (h1, h2)
2. Descendant selector (div p)
3. Attribute selector (input[type="text"])

Part C: Pseudo-Classes

Apply styles using:

- :hover
- :focus
- :active

Example targets:

- Buttons
- Links
- Input fields