AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH (AIUB)

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

Lab Task 03: Tables and Semantic HTML5 Elements

Instructions:

1. **Complete the task using HTML5 only.**
2. **Do not use CSS or JavaScript.**
3. **Save the file with .html extension.**
4. **Push the completed file to your GitHub repository.**

Scenario:

Structured data and semantic layout are essential for accessibility and maintainability. In this lab, you will create tables and organize content using semantic HTML5 tags.

Part A: Semantic Page Structure

Structure the webpage using the following semantic tags:

- <header>
- <nav>
- <main>
- <section>
- <footer>

Requirements:

- <header> contains page title
- <nav> contains at least 3 navigation links
- <main> wraps the main content

Part B: Table Creation

Create a table showing student information with columns:

1. Student ID
2. Name
3. Department
4. CGPA

Table requirements:

- Use <table>, <tr>, <th>, <td>
- Add at least 4 student records
- Use <caption> for table title

Part C: Accessibility and Attributes

1. Use scope="col" in table headers.
2. Use meaningful section headings (<h2> or <h3>).