Assignment 2 - Introduction to Software Systems – Spring 2022
HTML, CSS, JavaScript – Due: 03 – May – 2022, 11:55 PM

Important Notes:
- This assignment is an individual submission.
- Total Marks of 50 Marks with duration of 2 weeks.
- All script submissions should be done as per instructions.
- Inputs/output should fit the criteria mentioned in respective question.
- All other conditions are open to your interpretations.
- Evaluation will be conducted based on a fixed grading rubric (syntax, logic, input and output) and the marks are divided as per prescribed weightage in respective question.
- For queries, reach out to TAs via Moodle

Q1. Personal Homepage (Total: 35 Marks)

Aim: Learn to use HTML, CSS, and JavaScript to build a personal website

1. Create a Single page personal website which should provide the following details aligned inside a table. (10 Marks)
   a. About Yourself
   b. Your Profile Image
   c. Education background
   d. Achievements
   e. Skills
   f. Your News and Updates
2. Include two hyperlinks, one should point to an external address on the internet, and another should point to your local file system. These links on images or hyperlinks. (5 Marks)
3. Decorate your page using Inline, internal, and external CSS (10 Marks)
4. Provide clickable options to change fixed 5 background colors and fixed 3 font size using JavaScript (10 Marks)

Q2: Write a JavaScript code to satisfy the following requirements (15 Marks)

An Academic Officer wants to create a class schedule roster for 18 subjects spanning across 6 working days. Create a JavaScript to consider the conditions below to create an automated Class Timetable.

1. It is a 6 Day week, so there are classes between Monday-Saturday. Sunday is a holiday.
2. Day should have only 6 classes (3 forenoon and 3 afternoon)
3. One Course should only be repeated twice a week
4. A Course should have a day gap between two classes (If a class is scheduled for Monday, the next class can happen any Wednesday, Thursday, Friday)

Input: Accept 18 Subjects through prompt box. Store in variables.
Output: 6-day Class Roster Table with 3 classes in Forenoon and 3 classes in Afternoon session.

Submission Instructions:

Upload the folder ZIP with your roll number. It should contain the three following files as shown below:

Q1_homepage.txt - Should contain your github.io page URL.
Note: Create a github.io page and host it online. Submit only the github.io page link in this file.
Ensure that you arrange your files as follows in your git repository:

- *Index.html*
- *CSS (Folder)*
- *JS (Folder)*
- *Media (for images and videos if any)*

Q2_roster.html - should contain the html/css/javascript code or Q2

README.txt - To include any instructions for evaluators or if you wish to add any comments. This is not a mandatory file.

If you do not follow this submission guidelines, you will get **"0"**