Assignment No. 2: MATLAB (GEC-DS-10)

Course: BCA DS   Semester: 2nd
Date of Issue: 25.04.2025   **Date of Submission:** 28.04.2025
Course Unit included: 3rd & 4th   **Assignment Number:** 2nd
Session: 2024-25   **Max. Marks:** 20

CO-3:- Understand how to use control statements in MATLAB.

CO-4:- Understand how to manipulate text using MATLAB.

Q.No.	DESCRIPTION	CO	Revised Bloom's Taxonomy Level	Marks
1	**Define** the purpose of an M-file in MATLAB. How does a **script M-file** differ from a **function M-file**?	CO-3	RBTL-1	4
2	**Explain the role of `fprintf` vs. `disp` for formatted console output with examples.**	CO-3	RBTL-2	4
3	Explain the process of writing data to a text file with an example.	CO-3	RBTL-2	4
4	Describe how to read and display the contents of a text file in MATLAB.	CO-4	RBTL-2	4
5	Mention two types of loops used in MATLAB.	CO-4	RBTL-1	4

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