

C Language

Project - 3

Looper

Project Definition: Looper

Overview:

This project aims to develop a program in C language that demonstrates the use of loops and operations on digits of a number. The program will perform different operations based on user input and loop conditions.

Time Allocation:

- Total Duration: 1 Hour
- Total Marks: 10

Instructions:

1. Attempt all assigned tasks.
2. Make suitable assumptions wherever necessary.
3. Upload your exam task by uploading the project to GitHub and submitting the GitHub repository link which must have screenshots of your output in a README.md file.
4. This project is individual-based; copying code from classmates is prohibited.

Remember to follow the instructions provided professionally, make suitable assumptions wherever necessary, and avoid copying code or content from any unauthorized sources. Good luck with your project work!

Problem Statements:

Q.1 Alphabet Skipper

Develop a program that prints all alphabets from 'a' to 'z' by skipping 3 alphabets using a do-while loop.

Example:

Output: a, e, i, m, q, u, y

Marking Criteria: (Total 3 Marks)

Logic: 2 Marks

Output: 1 Marks

Q.2 Digit Counter

Develop a Program to count the total number of digits in a number.

Example:

Input: Enter any number: 752



Output: Total number of digits: 3

Marking Criteria: (Total 3 Marks)

Logic: 2 Marks

Output: 1 Marks

Q.3 Digit Addition

Develop a Program to find the sum of a number's first and last digits.

Example:

Input: Enter any number: 384

Output: The sum of the first and the last digit: 7

Marking Criteria: (Total 4 Marks)

Logic: 2 Marks

Output: 2 Mark

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BRING ON YOUR CODING ATTITUDE

