



Write a C++ program that asks the user to enter a paragraph of 100 characters at maximum. Then, the user has to enter a choice based on which the output is determined as follows:

1. If the user inputs character 'c', then the output should be the original paragraph but with all letters in upper case.

**Example:**

My name is Ahmed → MY NAME IS AHMED

2. If the user inputs character 'w', then the output should be the original paragraph with the first letter of each word in the upper case.

**Example:**

My name is Ahmed → My Name Is Ahmed.

3. If the user inputs character 's', then the output should be the original paragraph with the first letter of each sentence in the upper case.

**Example:**

Input: C++ is a high level programming language. another example is Java.

Output: C++ is a high level programming language. Another example is Java.

4. If the user inputs the character 'd', the output must be the paragraph with each "is" replaced with "was".

**Example:**

Input: Reem is happy. She is learning to play guitar.

Output: Reem was happy. She was learning to play guitar.

**You MUST Use pointers to move through the paragraph and perform the required modifications.**

**Submission:**

1. Submit your C++ source code via Moodle.
2. Submit your work within the deadline on Moodle.
3. Your code should be well-written and documented.
4. You should work individually on this assignment.

Good luck