Algorithm Question

A display board can show a flashing message of up to 20 characters.

Write an algorithm in pseudocode which:
- Allows the user to input the message and the number of flashes
- Rejects the message if it is longer than 20 characters and stops
- Otherwise it repeatedly displays the message and clears the display for the correct number of times.

[5 marks]
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***There are always different ways to solve a problem. This algorithm is just an example. What is important is that the logic is correct!***

LOGIC:
- Inputs message and number of flashes
- If length of message > 20, output error message and stop
- Otherwise run a loop which will
  - ... flash the message
  - ... for the correct number of times

EXAMPLE ALGORITHM:

```
INPUT Message
INPUT NumberOfFlashes
IF length(Message) > 20 Then
    OUTPUT "This message is too long"
ELSE
    FOR i = 1 to NumberOfFlashes
        Display Message
        Wait
        Clear Message
        Wait
    NEXT i
END IF
```