

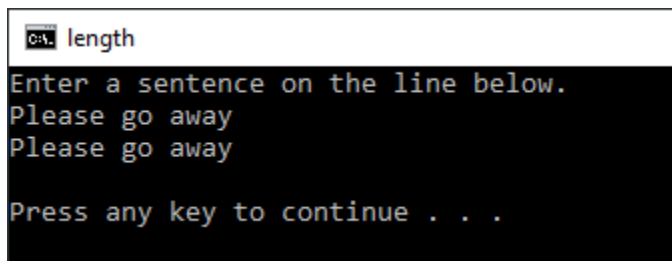
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Exercise 25 : Suppose that the following code fragment is executed.

```
1  #include <iostream>
2  using namespace std;
3
4  main(void)
5  {
6      const int LENGTH = 21;
7      char message[LENGTH];
8
9      cout << "Enter a sentence on the line below." << endl;
10     cin.getline(message, LENGTH, '\n');
11
12     cout << message << endl;
13 }
```

- a. Suppose that in response to the prompt, the interactive user types the following line and presses Enter : **Please go away**. What will the output of the code fragment look like?

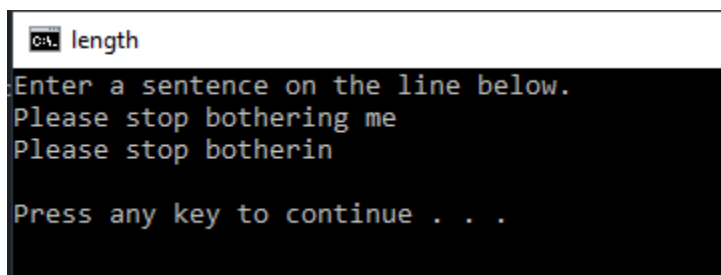


CA: length

```
Enter a sentence on the line below.
Please go away
Please go away

Press any key to continue . . .
```

- b. Suppose that in response to the prompt, the interactive user types the following line and presses Enter : **Please stop bothering me**. What will the output of the code fragment look like?



CA: length

```
Enter a sentence on the line below.
Please stop bothering me
Please stop botherin

Press any key to continue . . .
```