

The Longest Line

► Check Your Work

To read line-by-line, use `getline()` and the **data-loop pattern**:

```
string line;  
while (getline(in, line)) . . .
```

To find the longest line, you must:

1. **Create a variable** to hold the longest line (before the loop)
2. Compare the **current line size to the longest line size** (in the loop)
3. **Print** the longest line (after the loop)

Here's the pseudocode for this part of the problem. Once you've turned it into C++, check your work with the code at the top of the page.

```
longest line : string  
while getline line  
  if line size > longest line size then  
    longest line = line  
print the longest line
```

Note: make sure that you read from your input stream, and write to your output stream. You **should not** use `cin` or `cout` in this problem; use your parameters.



This course content is offered under a CC Attribution Non-Commercial license. Content in this course can be considered under this license unless otherwise noted.