**Key** Components:

The program reads the line\_width (maximum width for a line). It reads the text to be wrapped using getline. Then, The input text is split into individual words using a stringstream and stored in a vector.

The program iterates through the words vector. For each word:

If adding the word to the current line would not exceed the maximum width, it appends the word to the current line.Otherwise, it prints the current line and starts a new one with the

At the end, if there are any leftover words in current\_line, it is printed.

Time Complexity :

Splitting the text into words using (stringstream) is O(n), where n is the number of characters in the input text.