Grabbing entire sentences from the console

CS 10A – STRINGS PART 2

Inputting Strings with Spaces Intact

- Using the standard cin >> var_name will ignore any spaces when getting strings into your code. This prevents the input of sentences into a string variable.

- To get around this, we can use the getline() function.
  - getline(cin, string_variable_name)
  - This brings in the entirety of what's currently at the console input, spaces included, into the specified string variable.
  - This also eliminates the \n at the end when you press Enter, so you also don't need to use cin.ignore() after a getline() in order to properly pause with cin.get() later on.

Getting a Sentence from Console

Program

```
string str0;
int main()
{
        cout << "Input sentence: ";
        getline(cin, str0);
        // No need for cin.ignore()
        cout << str0 << endl;
        return 0;
}
```

Console

➤ ./a.exe

Input sentence: That's the end game.

That's the end game.