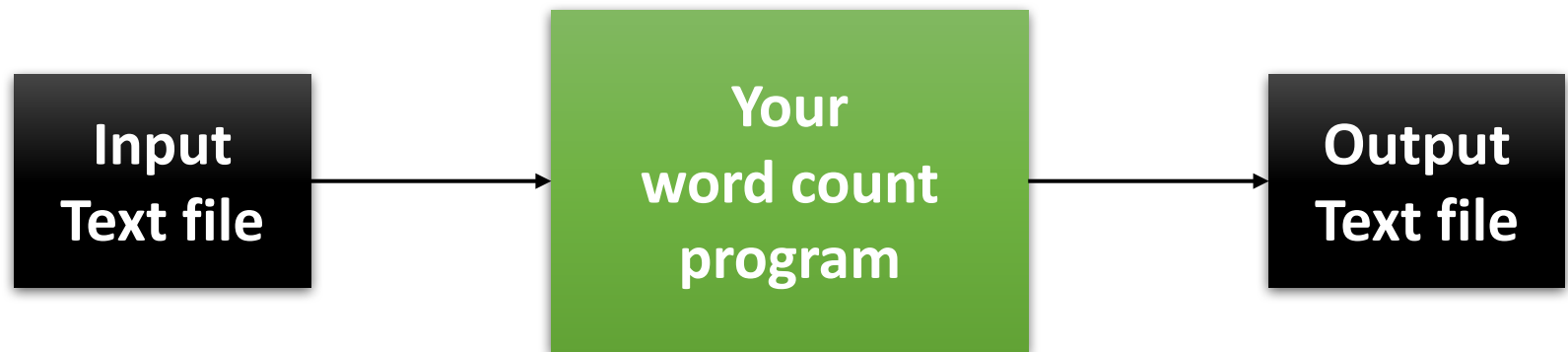


# Word count

CSE2013-17F

# Lab

- Implement word count program



# Input Text File

- “Text text text text ... text [12] – text text text ...  
Text text text text ... text text text text ... Text text  
text text ... text [1] – text text text ... Text text text  
text ... text “text text text” ... text text text text text  
text text text text text text text text text text text  
text text text text text text text text text.... text text  
text. text text.. Text... text.. Text. text text text.  
Text..... Text Apple”

# Word Count Program

- **Read** from “input.txt”
  - ifstream
- **Store** words (exclude symbols)
- **Count** words
- **Sort** word count (descending order)
- **Write** to “output.txt”
  - ofstream

# Output Text File

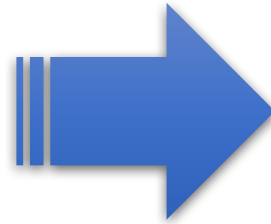
- Text : 100

...

Apple : 1

# ifstream & ofstream

```
string buf;  
ifstream inp("input.txt");  
  
while (!inp.eof()) {  
    getline(inp, buf);  
    ...  
}  
  
ofstream outp("output.txt");  
  
for (int i=0; i<100; i++) {  
    outp << i << endl;  
    ...  
}
```



output.txt

-----

0

1

2

...

99

**How did you Read, Store, Count, Sort, & Write words?**