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## Homework 3 Report

[p1]:

I used a function that either returns nullptr if the size of the array is zero or the maximum value in the array. Using the for loop in the function I was able to store the max value from the array into an initialized double and return it. (code works using other IDEs)

A screenshot of a Windows command prompt window. The title bar shows the file path: "H:\2021\cse 07\code\Delgado Acosta\_Daniel\_hw4\hw4\_p1\bin\Debug\hw4\_p1.exe". The command prompt displays the following text: "Maximum value:", "Process returned -1073741819 (0xC0000005) execution time : 0.768 s", and "Press any key to continue."

[p2]:

I used a function that uses an if statement within a for loop to find the first position of a specific letter in a string or otherwise return nullptr.

A screenshot of a Windows command prompt window. The title bar shows the file path: "H:\2021\cse 07\code\Delgado Acosta\_Daniel\_hw4\hw4\_p2\bin\Debug\hw4\_p2.exe". The command prompt displays the following text: "w found at position : 34.", "Process returned 0 (0x0) execution time : 0.022 s", and "Press any key to continue."

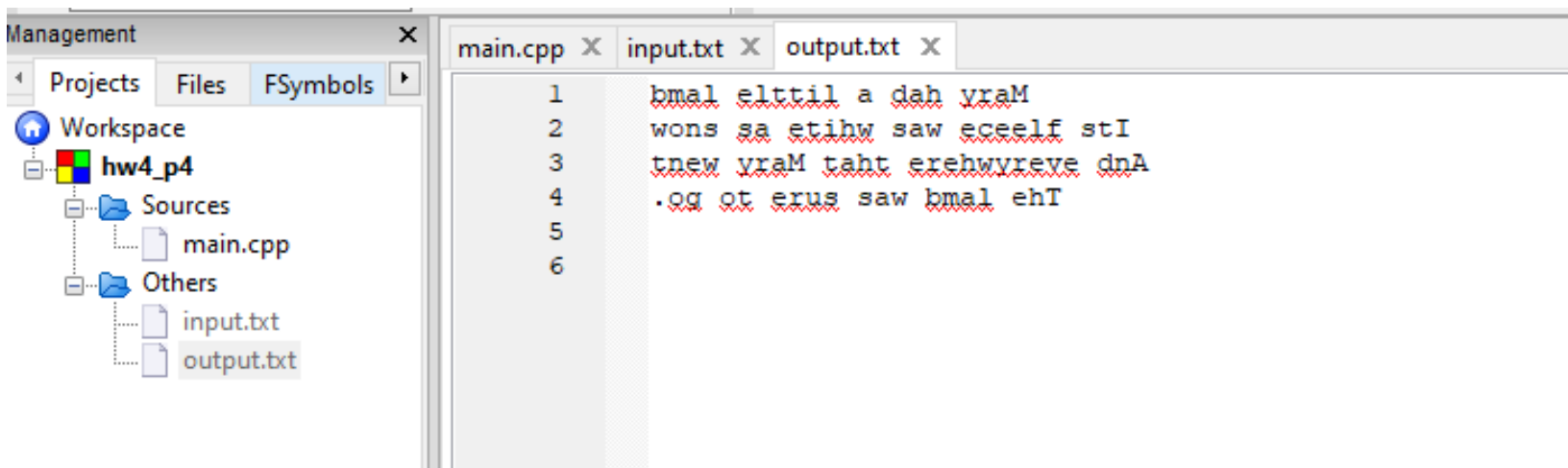
[p3]:

By using a void function and a header file I printed the chain of command of 6 employees.

```
"H:\2021\cse 07\code\Delgado Acosta_Daniel_hw4\hw4_p3\bin\Debug\hw3_p3.exe"
Chain of Command of Steve(CEO):
-Employee Name: Steve(CEO)
Chain of Command of John:
-Employee Name: John
-Employee Name: Steve(CEO)
Chain of Command of Harry:
-Employee Name: Harry
-Employee Name: Steve(CEO)
Chain of Command of Josh:
-Employee Name: Josh
-Employee Name: John
-Employee Name: Steve(CEO)
Chain of Command of Jameson:
-Employee Name: Jameson
-Employee Name: John
-Employee Name: Steve(CEO)
Chain of Command of Dereck:
-Employee Name: Dereck
-Employee Name: Harry
-Employee Name: Steve(CEO)
Process returned 0 (0x0)   execution time : 0.026 s
Press any key to continue.
```

[p4]:

By using two streams and for loop within a while loop I was able to print the text in one text file backwards in another text file.



[p5]:

Using a vector function, I was able to print out the string as shown in the question by using .size in order store each word in a separate string and by using push then returning it.

