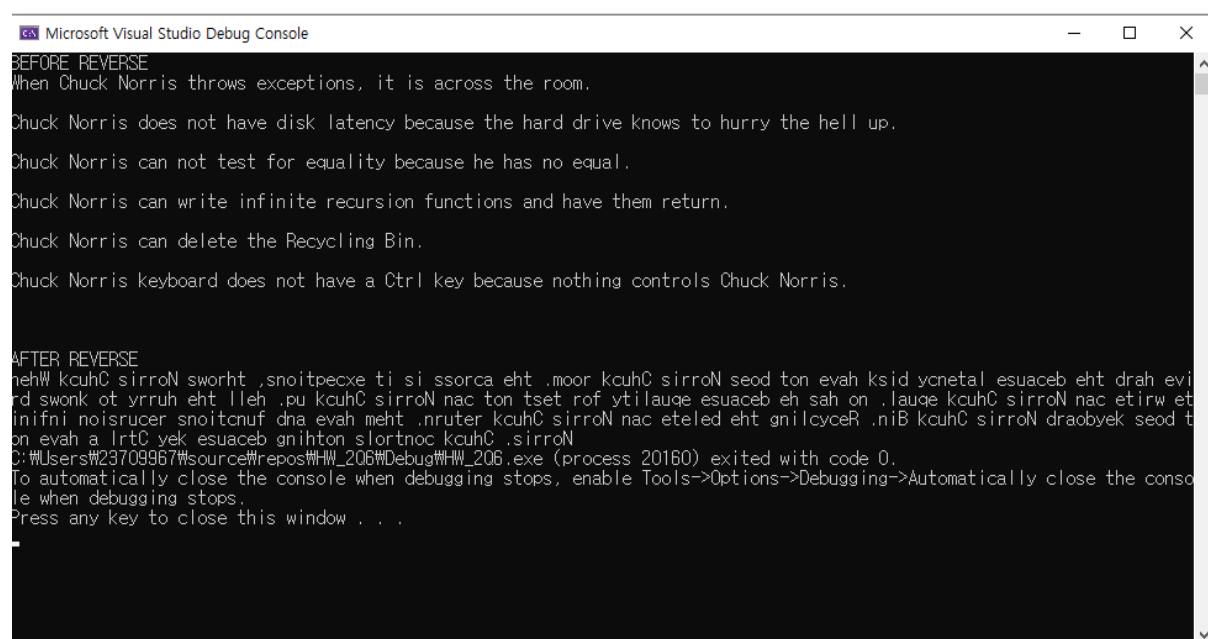


Question #6

Use a stack to pass in a string and reverse each word in the string. For instance, if you have the string " *When Chuck Norris falls in water, Chuck Norris doesn't get wet. Water gets Chuck Norris.* " It should now say, " *nehW kcuHc sirroN sllaf ni retaw, ...* " That is, it should take in one string and be a function (or multiple functions) that use a stack (or multiple stacks) to reverse each word in the sentence. Create a text file that you input of Chuck Norris jokes and have the program reverse each of the jokes. [Here is some help if you want ot teg detracts:

First, I created the function name `rvsdMode`, which takes the string and size of the string and reverse the string using stack. Inside the function, I created stack that is character data type. Using for loop, I pushed the element of the string into the stack using move semantics. Then using while loop until the stack is empty, I put the character stored in the stack, back to string using the pop function, so that the string is reversed.

Inside the main function, I created object `myInput` and opened a file. I also declare the string name `myString` to store the element. If statement checked the if file was open, if not it printed something on the screen. If the file was open, the string was saved into `myString` and I printed what was inside the string. Because I used `getline` function that used pointer, I had to clear the pointer in the file and reset the pointer from the beginning using `clear()` and `seekg()`. Finally, I used the reversed function and printed out the string reversed word by word. However, I failed to split the reversed jokes.



```
Microsoft Visual Studio Debug Console
BEFORE REVERSE
When Chuck Norris throws exceptions, it is across the room.
Chuck Norris does not have disk latency because the hard drive knows to hurry the hell up.
Chuck Norris can not test for equality because he has no equal.
Chuck Norris can write infinite recursion functions and have them return.
Chuck Norris can delete the Recycling Bin.
Chuck Norris keyboard does not have a Ctrl key because nothing controls Chuck Norris.

AFTER REVERSE
nehW kcuHc sirroN sworht ,snoitpeexe ti si ssorca eht ,moor kcuHc sirroN seod ton evah ksidi ynetal esuaceb eht draH evi
rd swonk ot yrruh eht lleh ,pu kcuHc sirroN nac ton tset rof ytilauge esuaceb eh sah on ,laugH kcuHc sirroN nac etirw et
inifni noisrucer snoitnuf dna evah meht ,nruter kcuHc sirroN nac eteled eht gnilyceR .niB kcuHc sirroN draobyek seod t
on evah a lrtC yek esuaceb gnihon slortnoc kcuHc ,sirroN
C:\Users\23709967\source\repos\HW_206\Debug\HW_206.exe (process 20160) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```