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System-Level Programming

Lab 8

10/19/2021

1:

1) Set a breakpoint at the line of statement "while (num>0)"
   a. Break 7
2) Run the program until the first breakpoint
   a. Run
3)

	1st iteration	2nd iteration	3rd iteration	4th iteration
Num	112	11	1	0
rev_num	5	52	521	5211

4) Now can you tell what the function foo does?
   a. The function foo takes a number and reverse it

2:

- Line 11 – The character \n is not recognized. It needs to be surrounded by single quotation marks
- Line 13 – The variable space is not declared. It must be declared outside of the while loop by doing int space = 0;
- Line 22 – In the printf statement, the specifier is float (%.1f) while letters/words returns an integer. This can be fixed by casting letters to a double. (double) letters/words.