

Lab 8

Problem 1

This lab is designed to develop real world applicable skills in writing easy to read code and to gain experience tracing errors as well as understanding code written by others.

You have been given a piece of code, your task is to correct all errors (syntax, logic, documentation, and formatting.) This is a strictly individual assignment; you are **NOT** allowed help!

Use the following command to compile your code.

```
gcc sourceCode.c -Wall
```

The -Wall flag will enable additional warnings that are not normally shown. This can be used to help track down errors/bugs in code. To see exactly what -Wall turns on, visit the following link.

<https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#Warning-Options>

Target Outputs:

n =	1	3	4	5	10	15	30	50
a =	2.00	17.00	25.00	35.00	115.00	245.00	5.48	7.07
b =	1.00	1.73	2.00	28.00	108.00	238.00	30.00	50.00
c =	1.54	0.00	1.00	2.00	20.00	30.00	60.00	100.00
y =	3.54	17.00	27.00	91.00	2275.00	7385.00	1805.48	5007.07