Problem:

Practice writing printf statements.

You will write several printf statements to achieve the results below, including the line spacing. There is no room for creativity in this assignment. I want you to be able to control your print output to a specification.

Notes:

Start with:

```
/*--------------*/
/* Your Name    */
/* Lab 3        */

#include <stdio.h>
#include <stdlib.h>

int main(void)
{
    int age = 25;
    double average = 246.7531986;
```

Obviously, your output will not say **bielr** on it. I want the line spacing just as it appears below. Write one printf for each line that appears below. Regarding the quote and its attribution, you may do it in either one or two printf statements.

Remember to print your name and "Lab 3" in the output.

Output:

[bielr@athena lab3]> a.out

Ruthann Biel. Lab 3.

The dog ran quickly.

Joe is 25 years old.

"So many books, so little time."
- Frank Zappa

The average = 246.8

The average = 246.753

The average = 2.47e+02

[bielr@athena lab3]>

➔ more on next page

Preparing your work for grading:

When all is well and correct,

type: **script StudentName_lab3.txt**   Script will keep a log of your session.

At the prompt, type: **cat lab3.c**   to display the code in your session.

At the prompt, type: **gcc lab3.c**   to compile the program.

At the prompt, type: **a.out**   to run the program.

After the program run is complete, type: **exit**   to leave the session.

STEP 7: Turn in your completed session.

Go to SacCT and turn in your script session (**StudentName_lab3.txt**).