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.
Start your code with:

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

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

int main(void)
{
    int age = 25;     // You must use this variable
    double average = 246.7531986;
```

- Obviously, your output will not say **bielr** on it.
- I want the line spacing just as it appears below.
- Yes, you may move the starting brace to the end of the line above if you desire.
- **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.
- When printing **average**, you must use both a total *width* and the *after-the-decimal-point value* in your conversion specifier.
- 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.

PS: If you don't type **exit** to leave your script session, you will end up with an empty file.

STEP 7: Turn in your completed session.

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

Worth 14 points.