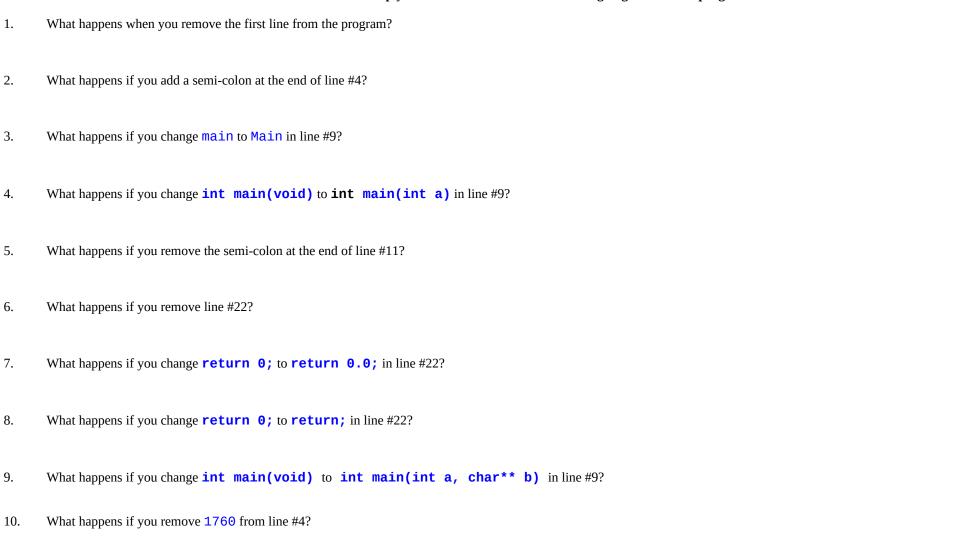# Supplemental Questions for Lab Week 2
(You are NOT submitting this document)

For these questions, you are asked to make changes to the code and observe the warning/error messages that are generated. If a change causes a warning/error, write the message into the space provided. If the change does not cause any warnings or errors, just write **No change**. After answering the question, be sure to undo your changes before going to the next question. *For easier completion, you may copy/paste the warning/error messages into another document, instead of writing them by hand.*

Although I'm not asking you (at this time) to explain why the changes cause warnings/errors, you should try to understand why they occur. For this assignment ONLY, you are allowed to work with one or two other students. This should help you to "brainstorm" about what is going on with the program.

1.   What happens when you remove the first line from the program?

2.   What happens if you add a semi-colon at the end of line #4?

3.   What happens if you change `main` to `Main` in line #9?

4.   What happens if you change **`int main(void)`** to **`int main(int a)`** in line #9?

5.   What happens if you remove the semi-colon at the end of line #11?

6.   What happens if you remove line #22?

7.   What happens if you change **`return 0;`** to **`return 0.0;`** in line #22?

8.   What happens if you change **`return 0;`** to **`return;`** in line #22?

9.   What happens if you change **`int main(void)`** to **`int main(int a, char** b)`** in line #9?

10.   What happens if you remove `1760` from line #4?

Each of the modifications below will still allow the program to compile and link, although some will cause warnings. You are to execute the program (by typing **marathon** at the command line) and write (or paste) the results into the answer spaces. Note: You must remove the -Werror command line option.

11.   What is the output of the unchanged program?

12.   What is the output if you remove the **(double)** from line #16?

13.   What is the output if you remove the left and right parentheses (from before **miles** and after **YARDS_PER_MILE**) from line #16?

14.   What is the warning and output if you change %f to %d in line #19?

15.   What is the warning and output if you change %f to %d and remove , kilometers from line #19?

16.   What is the warning and output if you add , yards, miles after kilometers in line #19?

17.   What is the output if you change 26 to 26.99 in line #11?

18.   What is the output if you remove line #16?