**Turn this sheet to your lab instructor at the end of the lab for grading.**

**Step 2:**

**Answer the following 5 questions by manually tracing the nine functions given in lab sheet**.

1. (10 pts.) For the **first cout** statement, which **sum** is called?

2. (10 pts.) For the **second cout** statement, which **sum** is called?

3. (10 pts.) For the **third cout** statement, which functions are called? In this case**, give the order that the functions are called as well.**

4. (10 pts.) For the **fourth cout** statement, which functions are called? In this case, **give** **the order that the functions are called as well.**

5. (10 pts.) For the **fifth cout** statement, which functions are called? **In this case, give the order that the functions are called as well.**

**Step 3: For questions 6 – 9, make the changes and compile and run the program.**

6. (10 pts) **Explain** what happens if you **remove** the **&** sign from the **getNum** function **declaration** (prototype) and **the function heading**. **Don’t forget to put the & back before moving on to the next question.**

7. (10 pts) Similarly **explain** what happens if you remove the **&** from **findMin** function declaration and the function heading. **Don’t forget to put the & back before moving on to the next question.**

8. (10 pts) **Explain** what happens if you change the order of ***actual arguments*** in the **function call**

findMin(minimum, number);

to

findMin(number, minimum);

9. (10 pts) Explain what happens if you **remove the call** to the function **getNum(number);** Comment (//) this statement out and run the program to find out the outcome. **Make sure that you remove the // before moving on to the next question (b)**

9a. **Before** the while loop.

9b. **Inside** the while loop

10. (10 pts) Identify and enter the names of **value and/or reference** parameters in the following functions. Enter the word **none** if there are no value/reference parameters.

|  |  |  |
| --- | --- | --- |
|  | **getNum** | **findMin** |
| value parameters: |  |  |
| reference parameters: |  |  |