Lab 3 ReadMe Doc

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Lab 02L

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Question 1:

For question 1, the image below shows how I compiled the program on my computer.



After that, it does not require an input at all. To change what values are outputted, you need to change the values of tmpx and tmpy in the classes firstClass and secondClass. Those line of code should be lines 8 and 21 respectively. My output is shown in the image below.



Then the program promptly ends.

Here are just a written-out versions of the images above.

Compile: g++ part1.cpp -o part1

Run: ./part1

Input(cin): no input at all, just change lines 8 and 21 to get different outputs

Question 2:

For question 2, the image below shows how I compiled the program on my computer.



After that, the program does not require an input at all. To change the numbers in the output, you need to change line 16 in class Nest and line 25 in class Egg to get different values.

My output is shown in the image below.

Text

Description automatically generated

Then the program promptly ends.

Here are just a written-out versions of the images above.

Compile: g++ part2.cpp -o part2

Run: ./part2

Input(cin): no input at all, just change lines 16 and 25 to get different outputs/values

Please note that in the question 2 folder, I have left the reference code in there for me to reference them as I made this code. However, they are not required to run part2.cpp

Question 3:

For question 3, the image below shows how I compiled the program on my computer.



After that, the program does not require an input at all. To change the numbers in the output, you just use a random combination of functions to get a different result. To change the fixed array length, go to StackImp.h and change the #define n to be whatever length you want to array to be.

Some outputs are shown in the image below.

Text

Description automatically generated Text

Description automatically generated

Then the program promptly ends.

Here are just a written-out versions of the images above.

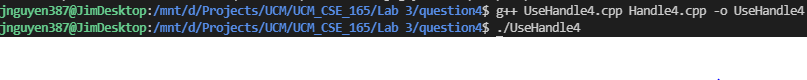
Compile: g++ part3.cpp StackOfInt.cpp StackImp.cpp -o part3

Run: ./part3

Input(cin): no input at all, just change random combination of functions to get different results.

Question 4:

For question 4, the image below shows how I compiled the program on my computer.



After that, the program does not require an input at all. There is no output for question4 as the original file that the code is based of off did not have an output as well. Then the program promptly ends.

Here are just a written-out versions of the images above.

Compile: g++ UseHandle4.cpp Handle4.cpp -o UseHandle4

Run: ./UseHandle4

Input(cin): does not require any input at all

Please note that in the question 4 folder, I have left the reference code in there for me to reference them as I made this code. However, they are not required to run part4.cpp

Question 5:

For question 5, the image below shows how I compiled the program on my computer.



After that, the program does not require an input at all. My output is shown in the image below. To use more than one string\*, you will need to know the index of the string\* you are trying to print out. I do not have anything in the code to keep track for you.



Then the program promptly ends.

Here are just a written-out versions of the images above.

Compile: g++ part5.cpp -o part5

Run: ./part5

Input(cin): does not require any input at all