

Name:_____ Date:_____

Computational Thinking: Scratch Program

Once you have seen the Scratch program run through and have the code open on your computer, please answer the following questions.

1. Decompose the Scratch program. Each line of code from the program should be written on its own line below.

a. _____

b. _____

c. _____

d. _____

e. _____

f. _____

g. _____

h. _____

i. _____

j. _____

k. _____

l. _____

m. _____

n. _____

o. _____

p. _____

2. Group the lines of coding by some defining characteristic. You have to have at least 4 groups. Any other groups you find will be counted as extra credit!

Group #	Defining Characteristics	Lines of Code
1		
2		
3		
4		

Extra Credit 1		
Extra Credit 2		

3. Do you think decomposing the code helped you find the patterns? Why or why not?

4. Do you think identifying patterns is important? Why or why not?