Lab 0.4 - Getting to Know You

In this lab, you will explore SNAP and create a simple "self-portrait" program to introduce yourself to your instructors and classmates.

Part 1 - Exploring SNAP

1. Open Snap on your computer. The URL is http://snap.berkeley.edu/run

2. To save your programs, the first thing you will need to do is make an account. In the SNAP browser window, find the cloud-shaped button in the top toolbar on the upper left corner of the window:

    Click it, select the "sign up" option in the menu, and follow the instructions there. You will need to check your email after creating your account to get your initial password. Your username will be the first part of your school email address. If you need help, ask.

3. Spend a few minutes looking around, trying things out, and seeing what the language can do. Do not worry about understanding everything completely– we'll go through things in a lot more detail soon. Just try to get a sense of some of the basic capabilities.

4. Write down three things in your notebook you found that SNAP can do and how to do them. Be as specific as you can!

SNAP can do this...	If I do this...
1.	
2.	
3.	

5. Find a partner and compare notes. Share your findings with your partner and ask him or her about what he or she learned. Write down the three capabilities your partner found below.

SNAP can do this...	If I do this...
1.	
2.	
3.	.

6. Using what you have learned and other things you might discover, create a SNAP program that describes yourself. This can take whatever form and use whatever SNAP tools and blocks you want. Make sure that somehow, at some point in your program you show the following information:

- Your name
- Your current grade
- Your age
- Your favorite subject in school
- One of your hobbies or interests
- Any previous programming or computer experience you have
- Example of something you learned
- What you think learning CS will be like.
- What are some of your favorite uses of technology?
- Family saying

7. Submit your Self Portrait using the submission instructions of your instructor. If you are having trouble saving, here is a great video: https://youtu.be/VHts_QAp3XU

Grading Scheme/Rubric

Lab 0.4 Criteria	Points
Part 1	
1.4 Listed 3 things you found Snap can do	0.3 points
1.5 Listed 3 things your partner found Snap can do	0.3 points
Part 2	
Includes name	0.2 points
Current grade	0.2 points
Age	0.2 points
Programming or computer experience	0.0 points
Learning CS going to be like	0.2 points
Favorite uses of technology	0.2 points
Favorite subject in school	0.2 points
Example of something learned	0.2 points
Hobby or interest	0.2 points
Family Saying	0.2 points
PROJECT TOTAL	**2.4 points**