

Name: \_\_\_\_\_

## Worksheet: Lab 3 Homework

**Important:** Remember that Snap does not always function correctly in Internet Explorer. In particular the project export does not always work correctly.

### Goals

1. Use loops to control program flow
2. Learn to use conditional statements and logic
3. Learn to create and use variables

### Part I - Rock, Paper, Scissors

For this first part of the lab you will build a simple script to play the game rock, paper, scissors. Follow through the steps on the lab website, and ask for help if it is needed. This work should be completed individually, but you may discuss the assignment conceptually with others as long as you do not share or copy code.

When complete, export your project as an XML file and upload to the dropbox.

### Part II - Number Guessing Game

In the second part of the lab, you'll improve upon some starting code for a number guessing game. This game is more complex and will have you combine concepts from multiple labs. You will also learn how to get and use input from the user.

This game is very similar in many ways to the first project which you should also start this week. Make sure to check out the instructions on the course website and get started with the project as soon as possible. Check the project due date on D2L and make sure that you manage your time well in order to complete the project.

When you've completed the game, export it as an XML from Snap and upload it to the dropbox in D2L.