BIOL 116 Lab 2 Assignment 1

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**NOTE** This assignment is due at the start of your next lab (i.e. lab 3).

Group Members

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| Name | email |
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1. In the space below, state your "hypotheses" and write a one-sentence rationale.
   1. Ho (1 mark)
   2. Ha (1 mark)
2. In the space that follows, briefly describe your experimental design. Make sure that you answer each of the following questions:
   1. What variable(s) will you test? (1 mark)
   2. How many "runs/trials" do you want to make, in the time provided? (1 mark)
   3. What is your "experimental group" and what are your treatment levels? What is your "control group"? What is your sample size? (2 marks)
   4. What "data" are you going to collect? (1 mark)
   5. How will you record your data? (1 mark)
   6. How will you try to limit experimental error and biological variation? (1 mark)
   7. List all of the equipment and supplies that you will require to conduct your experiment including the estimated numbers of each. (1 mark)