Research Project 1

1. **Are you working in a group?**
   1. **If so, group members names:**
2. **Pick a topic – you will want to figure out what you want to test. Come up with a list of ideas on what to test – what kinds of information do want to collect? What questions might you ask? What do you want to know?**
   1. You can use personality scales: <http://ipip.ori.org/newIndexofScaleLabels.htm>.
   2. You can make up your own scale in what you are interested in: must be non-offensive.
3. **Pick a research design/variable type (label here):**
   1. You can compare groups:
      1. Experimental – you can create two different versions of a test/scale/etc. and give one group the manipulation and one group is the control.
      2. Quasi-experimental – you can use naturally occurring variables to determine group differences (things like gender).
   2. You can relate two things together:
      1. Correlational – look at the relationship between two different things.
      2. Regression – determine that one of the variables is the “cause” to predict the relationship between two things.
   3. You can use count variables:
      1. Chi-square analyses – look at the frequency of events for variables.
4. Come up with a hypothesis:
   1. **What variable would be your IV?**
      1. **How are you operationally defining this variable?**
      2. **What type of scale are you using (nominal/ordinal/interval/ratio):**
   2. **What variable would be your DV?**
      1. **How are you operationally defining this variable?**
      2. **What type of scale are you using (nominal/ordinal/interval/ratio):**
   3. **What do you expect to have happen in the experiment?**

**Things in bold should be answered and turned in for credit. Each group member should submit their answers on blackboard.**