**Excel Tutorial – Participation**

Follow along with the professor and answer the bolded questions on the canvas participation quiz/assignment.

1. Make a static list of numbers.
   1. Click on Cell A1 and type “Static (1)”
   2. Click on Cell A2 and type “0”
   3. Click on Cell A3 and type “1”
   4. Now select the range A2 and A3 and drag the plus sign down to A50. (You should have a list of numbers from 0 to 48.)
   5. Now click on Cell B1 and type “Static (2)”
   6. Click on Cell B2 and type “0”
   7. Now select the range from B2 to B50
   8. Select from the edit menu: Edit>Fill>Series.
   9. Choose Columns, Linear, and a step value of 1. (You should have a list of numbers from 0 to 48. Same as Column 1)
   10. Now repeat steps e – g for column C and “Static (3).
   11. Choose Columns, Growth, and a step value of 2. (You should have a list of numbers from 0 to 48. Same as Column 1)

**Why are all the cells 0 in step k?**

* 1. Type “1” into Cell C3
  2. Fill column C using Edit>Fill>Series. Choose Columns, Growth, and a step value of 2. (You should have a series: 1, 2, 4, 8, 16 ….)
  3. Click on D1 and type “Static (4)

**Make another static series with a step value of your choice.**

1. Make a Calculated list using a formula.
   1. Click on cell E1 and type "Calculated".
   2. Click on cell E2 and type "0".
   3. Click on cell E3 and type "=A2+1". Hit return and it should say "1". This is the result of a formula, which uses the contents of another cell.
   4. Try changing the value in cell A2.

**What happens if you remove the equals sign?**

* 1. Put the regular formula back in cell E3 and the value of "0" back in cell A2.
  2. Click on cell E4 and type "=" (but do not hit return). Hit the up-arrow on your keyboard. Note that you get a moving highlight, and the formula changes as you move the highlight around. Move the highlight to cell A3,(don't hit return yet), type "+1" and hit return. The cell's calculated value should be "2", and its formula should be "=A3+1". You have the beginning of a calculated list of numbers.
  3. Select cell E4 and copy it downward by changing the cursor to a solid plus and dragging downward to cell E50. You should have a list from 0 to 48.

**Copy a formula from Column E into a blank cell. Describe what happens.**