Tutorial (Due Tuesday)

1) What is the difference btw a for loop and a while loop

While: This is true continue to do this over, over

for: combines, (Var, while, x<50, x=x+30)

ex) for (x=0; x<width; x=x+50){
    fill (255, 0, 200);
    ellipse (x, 300, 25, 25);

▷ condenses the steps into a shorter piece of code

2) What are the four parts of a for loop loop + what do they do)

• The four parts are

1) defining the Variable (lets the computer remember when you want to recall)

2) Setting the parameters ie for how long the loop should reapt itself

3) how much distance should be added after each new loop

4) The fourth part is simply defining how big and where the ellipses/shape would / should be

3) What does "nested" mean in context of nested loops

Nested: means to essentially add another / loop within the original loop

- Often used when calling both x ay at once
- repeat a task multiple time