Paper Practice #10

For each of the following snippets of code, figure out if it does what the comment says it should. If it doesn't, fix the code so that it works properly.

1. #Prints out the values from 1 to 5.
   ```python
   x = 1
   while x < 6 :
       print(x)
       x = x + 1
   ```

2. #Prints out the values from 5 to 2.
   ```python
   x = 6
   while x > 2:
       print(x)
       x = x - 1
   ```

3. #Prints out the elements in the list
   ```python
   x = ["This", "is", "a", "List"]
   for y in x:
       print(y)
   ```

4. #Sets info equal to the larger of the two values.
   ```python
   value1 = 5
   value2 = 6
   if value1 > value2:
       info = value1
   else:
       info = value2
   ```

5. #Prints the last item in the list and then removes that item from the list. Does this until the list is empty.
   ```python
   x = ["This", "is", "a", "List"]
   while len(x) > 0 :
       print(x[-1])
       x = x[0:-1]
   ```
6. 

#This code looks at the information in two sorted lists and only keeps the 4 largest values
list1 = [1, 2, 3, 6, 9]
list2 = [4, 5, 7, 11]
newList = []
count = 0

while count < 4:
    max1 = list1[-1]
    max2 = list2[-2]
    if max1 > max2:
        newList = newList + [max2]
        list1 = list1[0:-1]
    else:
        newList = newList + [max2]
        list2 = list2[0:-2]
    count++