%

Modulo

```
print("Program that tests numbers for divisibilty by 3, 5 and both 3 and 5")

# set count to 0
numbercount = 0

# start while loop to continue until count reaches 101, then exit the loop
while numbercount <=100:

# Test FIRST to see if current number is divisible by 3 and 5 using modulo function.  If
remainder is 0, it is true
    if (numbercount % 3 == 0 and numbercount % 5 == 0):
        print ("cracklepop")

# Test to see if current number is divisible by 3 using the modulo function.  If the remainder is 0,
it is true
    elif numbercount % 3 == 0:
        print ("crackle")

# Test to see if current number is divisible by 5 using modulo function.   If remainder is 0, it is
true
    elif numbercount % 5 == 0:
         print("pop")

# If all 3 tests result in remainders greater than 0, print the number
    else:
        print("the current number not divisible by 3, 5 or both 3 & 5 is:", numbercount)

# Increase count by 1
    numbercount = numbercount + 1
```