**Student Questions:**

**WHOLE CODE IS AT THE BOTTOM**

1. Write a program that uses Boolean variables and logic to do the following:
   1. Read a high number and a low number from console input. The numbers must be less than 100.
   2. Create a continuous loop that starts with a count of 1 and increases the count by 1 each time through the loop
   3. Checks whether the count is between the low number and the high number and assigns the result of the check to a Boolean variable called “inRange”.
   4. Prints the message “Number is in range” if the value of inRange is true.

print ("In range:",inRange)

* 1. Breaks out of the loop when the count gets bigger than 100.

 myNumber = int(input ("Please select a low number"))

isValid = (myNumber >0) and (myNumber <100)

print ("This number is valid:",isValid)

myNumber2 = int(input ("Please select a high number"))

isValid2 = (myNumber2 >0) and (myNumber2 <100)

print ("This number is valid:",isValid2)

count = 1

while (True) :

print("Count is",count)

inRange = (count < myNumber2) and  (count > myNumber)

print ("In range:",inRange)

if (count >= 100) :

     break

else :

     count = count + 1