**Exercise 5.1**

(Objective 5.1)

**1) What is the output of the following code? Please also show the execution order of lines.**

1 count = 1

2 while count < 4:

3   count += 1

4   print(count, end = ' ')

**2) Analyze the following code. Is count < 100 always True, always False, or sometimes True or sometimes False at Point A, Point B, and Point C?**

count = 0

**while** count < 100:

    # Point A

    print("Programming is fun!")

    count += 1

    # Point B

# Point C