

## **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
```