

#### Code Segment A

```
if (choice > 10)
{
    System.out.println("blue");
}
else if (choice < 5)
{
    System.out.println("red");
}
else
{
    System.out.println("yellow");
}
```

#### Code Segment B

```
if (choice > 10)
{
    System.out.println("blue");
}
if (choice < 5)
{
    System.out.println("red");
}
else
{
    System.out.println("yellow");
}
```

Assume that both code segments initialize `choice` to the same integer value. Which of the following best describes the conditions on the initial value of the variable `choice` that will cause the two code segments to produce different output?