

# AP Chapter 6 Worksheet 4 More Loops

Name \_\_\_\_\_

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Pts: 10

class hour \_\_\_\_\_

Answer the following and show the complete memory simulation.  
Be careful - tricky problems and poor indentation in some!

1) Write the output of the following code fragment. (2 pts)

```
loopCount = 1;
System.out.print("Hi ");
while (loopCount <= 3)
    System.out.print("OK ");
    loopCount++;
System.out.print("Bye");
```

1) \_\_\_\_\_  
loopCount

2) Write the output of the following code fragment. (2 pts)

```
loopCount = 5;
System.out.print("Hi ");
while (loopCount <= 3)
System.out.print("OK ");
loopCount++;
System.out.print("Bye");
```

2) \_\_\_\_\_  
loopCount

3) Write the output of the following code fragment. Note: A semicolon appears at the end of the line containing the **while** condition. (2 pts)

```
System.out.print("Hi ");
loopCount = 1;
while (loopCount <= 4); // note the semicolon
{
    System.out.print("OK ");
    loopCount++;
}
System.out.print("Bye");
```

3) \_\_\_\_\_  
loopCount

4) Write the output of the following code fragment. (2 pts)

```
System.out.print("Hi ");
loopCount = 1;
while (loopCount <= 4)
{
    System.out.print("OK ");
}
loopCount++;
System.out.print("Bye");
```

4) \_\_\_\_\_  
loopCount

5) Write the output of the following code fragment. (2 pts)

```
System.out.print("Hi ");
loopCount = 1;
while (loopCount = 1) // note the = instead of ==
{
    loopCount++;
    System.out.print("OK ")
}
System.out.print("Bye");
```

5) \_\_\_\_\_  
loopCount