

Name _____ Period _____

Skill 10.1 Exercise 1

Indicate the output for the following code snippets,

```
int j = 0;
for(int g = 0; g < 5; g++){
    j++;
}
System.out.println(j);
```

```
int s = 1;
for(int j2 = 3; j2 >= 0; j2--){
    s = s + j2;
}
System.out.println(s);
```

```
int m = 20;
for(int i = 6; i > 0; i-=2){
    m = m + i * i;
}
System.out.println(m);
```

Skill 10.1 Exercise 2

Write a program that accepts a phrase from the user and checks if the phrase reads the same if it is reversed. If the reversal of the string is identical to the original your program must indicate “Palidrome!”, otherwise it should indicate “Not!”.

```
public class Palindrome {
    public static void main(String args[]){

        Scanner s = new Scanner(System.in);
        System.out.println("Type a phrase: ");
        String word = s.next();
```

```
    }
}
```

Name _____ Period _____

Skill 10.3 Exercise 1

Create the following patterns with for loops:

```
*****
*****
*****
*****
*****
*****
*****
*****
*****
*****
*****
```

```
*****
*****
*****
*****
*****
*****
*****
*****
*****
*****
*****
```

```
★
★★
★★★
★★★★
★★★★★
★★★★★
★★★★★
★★★★★
★★★★★
★★★★★
★★★★★
```

AP Computer Science A
Ticket Out the Door
Set 10: *for-loops*

Name _____ Period _____
