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Skill 32.1 Exercise 1	
Indicate the output for the following code snippets,	
<pre>var j = 0; for(var g = 0; g < 5; g++){ j++; } console.log(j);</pre>	
<pre>var s = 1; for(var j2 = 3; j2 >= 0; j2--){ s = s + j2; } console.log(s);</pre>	
<pre>var result = ""; for(var n = 1234; n > 0; n=Math.floor(n/=10)){ result += n%10; } console.log(result);</pre>	

Skill 32.1 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 a palindrome!”.
<pre>var word = prompt("Type a word to see if it is a palindrome");</pre>

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Skill 32.2 Exercise 1

Which of the following would cause an error? Why?

```
var sum = 0;
for(var n = 3; n <= 79; n++) {
    sum += n;
}
console.log(n);
```

```
var n = 0;
for(n = 3; n <= 79; n++) {
    sum += n;
}
console.log(n);
```

Skill 32.3 Exercise 1

How many times will “outer” and “inner” be printed?

```
for(var outer = 1; outer < 6; outer++) {
    console.log(outer);
    for(var inner = -3; inner < 8; inner++){
        console.log(inner);
    } //end inner loop
} //end outerloop
```

What will be printed?

```
var sum = 0;
for(var outer = 0; outer < 5; outer++) {
    for(var inner = 0; inner < 8; inner++){
        sum += 1;
    } //end inner loop
} //end outerloop
console.log(sum);
```

Skill 32.3 Exercise 2

Create the following patterns with for loops:

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

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<pre> ***** ***** ***** ***** ***** ***** ***** **** *** ** *</pre>	
<pre> * ** *** **** ***** ***** ***** ***** ***** ***** *****</pre>	

Skill 32.4 Exercise 1

Implement the following *for-loops* as while loops

```

var m = 0, k = 0, p = 0;
for(m = 97; m <=195; m++){
    k = k * k + 3 * m;
    p = p + m + 1;
}
```

```

var k = 0, p = 0, q = 0;
for(var v = 2; v <=195; v*=3){
    k = k * k + 3 * v;
    q = Math.sqrt(q + v + 1);
}
```