CMSC 122 Quiz #5

1. (6 pts) What will be the output of the following JavaScript code fragment?

```javascript
var a = 9;
var b = ++a - 6;
var c = 8 + a++;  
document.writeln("a=\" + a + \\
" b=\" + b + \\
" c=\" + c);
```

2. (6 pts) What will be the output of the following JavaScript code fragment?

```javascript
var x = 2;
while (x < 100) {
  x += 2;
  if (x < 45) {
    continue;
  }  
  if (x < 46 || x >= 52) {
    break;
  }
  document.writeln(x);
}
```

[MORE QUESTIONS ON BACK PAGE...]
3. a. (3 pts) Write a single JavaScript statement that will create a variable called `arr`, and assign to the variable a two dimensional array with three rows. Each element in the array will contain the value 2. The first row will have one element, the second row will have three elements, and the third row will have two elements. You can picture the array like this:

    2
    2 2 2
    2 2

b. (5 pts) Write a code fragment that will using looping to process each element of the array from the previous question, changing each entry from a 2 into a 3.