

CSC 110 — Problem Solving, Arrays

Name: _____ Date: _____

1. Create and fill an array using the following code Array. (Alternately, you can download a starting point from the Schedule page: Lab_12.html.)

```
function getNumber() {
    return -25 + parseInt(50*Math.random());
}
var list = new Array();
var i;
for(i = 0; i < 8; i ++) {
    list.push(getNumber());
}
// ## The general pattern for working with an Array
// stuff to do at start-up
document.write("<p>The list is [");
// loop through the array
for(i = 0; i < 8; i ++) {
    // stuff to do to every item in the array
    document.write(list[i] + " ");
}
// stuff to do at the end
document.write(" ]");
```

2. What is the range of values for the array elements? You can either do this analytically (by examining the code) or empirically (by running this many times and looking at the values).
3. Write code to count the number of negative elements in the Array. Write the code here.
4. Write code to echo (“print out”) the values in the range 0-9, inclusive. Write the code here.

