

Advanced Javascript Development

Lab Exercise 3

1. A) What is the maximum number of elements that can be stored in an array?

- B) Can you have different element types in the same array?

2. How would you insert the value 4 in the middle of an array a = [1,2,3,4,5]?

3. Complete the code below to print a multiplication table of 5x5 elements.

```
var table = new Array(5);  
for(i=0 ; I < table.length; i++)  
    table[i] = new Array(5);  
  
...  
}
```

4. What will the following code output be?

(The slice function returns a subarray of [x,y), x inclusive, y exclusive.)

```
var x = [1,2,3,4,5];  
x.slice(0,3);  
x.slice(3);  
x.slice(1,-1);  
x.slice(-3,-2);
```

The code will output:

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