

Array Iteration Worksheet

A.C. 4.1 • September 2017

The function below takes an array and an object and returns a boolean indicating whether or not the object is included in the array.

```
function includes(array, target){  
  for(var i=0; i < array.length; i++){  
    if(array[i] === target){  
      return true;  
    }  
  }  
  
  return false;  
}
```

For example:

- `includes([12,53,87], 87)` would return `true`, because 87 is included in the array
- `includes(["h", "i"], "q")` would return `false`, because "q" is *not* included in the array

Fill in the blanks in the below table, which tracks the values of variables when each command is executed. Each row represents an iteration of the `for` loop, and each column represents a variable. The first iteration is given for you.

```
includes([10,52,31], 52)
```

i	array.length	i < array.length	array[i]	target	array[i] === target
0	3	true	1	52	false

```
includes(["h","cat","q"], "banana")
```

i	array.length	i < array.length	array[i]	target	array[i] === target
0	3	true	“h”	52	false