#### **A Needle in the Haystack**

Can you find the needle in the haystack?

Write a function findNeedle() that takes an array full of junk but containing one "needle"

After your function finds the needle it should return a message (as a string) that says:

"found the needle at position " plus the index it found the needle, so:

findNeedle(['hay', 'junk', 'hay', 'hay', 'moreJunk', 'needle', 'randomJunk'])

should return "found the needle at position 5"

FUNDAMENTALS ARRAYS

###### Solution:

1

function findNeedle(haystack) {

2

// your code here

3

}

###### Sample Tests:

1

var haystack\_

= ['3', '123124234', undefined, 'needle', 'world', 'hay', 2, '3', true, false];

2

var haystack\_2 = ['283497238987234', 'a dog', 'a cat', 'some random junk', 'a piece of hay', 'needle', 'something somebody lost a while ago'];

3

var haystack\_3 = [1,2,3,4,5,6,7,8,8,7,5,4,3,4,5,6,67,5,5,3,3,4,2,34,234,23,4,234,324,324,'needle',1,2,3,4,5,5,6,5,4,32,3,45,54];

4

​

5

Test.assertEquals(findNeedle(haystack\_1), 'found the needle at position 3')

6

Test.assertEquals(findNeedle(haystack\_2), 'found the needle at position 5')

7

Test.assertEquals(findNeedle(haystack\_3), 'found the needle at position 30')