

## Tests & Quizzes

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### Part 1 of 1 -

Question 3 of 3 1 Points

Write a function called `longestNoSpace()` that receives any amount of strings (ideally with a rest parameter, although you can also use arguments), and then uses functional techniques ( `.filter()` `.map()` `.reduce()` ) to return the length of the longest string that does not contain a space inside it.

Important, your solution is not allowed to have a `for` or a `while` loop inside it!

As before I've provided Mocha / Chai tests that your function should pass.

Please only paste your JavaScript code as your answer.

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>W2D2 Quiz</title>
```

```
<meta charset="utf-8">
```

```
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/mocha/3.2.0/mocha.css">
```

```
<script src="https://cdnjs.cloudflare.com/ajax/libs/mocha/3.2.0/mocha.js"></script>
```

```
<script src="https://cdnjs.cloudflare.com/ajax/libs/chai/3.5.0/chai.js"></script>
```

```
<script>
```

```
// initialize mocha
```

```
mocha.setup('bdd');
```

```
// chai has a lot of stuff, let's make assert global
```

```
let assert = chai.assert;
```

```
</script>
```

```
<script>
```

```
// write your code for the function longestNoSpace() here
```

```
// remember it can take any amount of strings!
```

```
</script>
```

```
<script src="code.js"></script>
```

```
<script>
describe("longestNoSpace", function () {
it("returns 0 if given zero parameters", () => {
assert.equal(longestNoSpace(), 0);
});
it("returns 0 if given a single string that contains a space", () => {
assert.equal(longestNoSpace("a test"), 0);
})
it("returns 0 if given only strings that contains spaces", () => {
assert.equal(longestNoSpace("this is","a test"), 0);
});
it("returns the length of the string if given a single string without a space", () => {
assert.equal(longestNoSpace("hello"), 5);
});
it("returns the length of the longest string if given multiple strings without spaces", () => {
assert.equal(longestNoSpace("hello", "world!"), 6);
});
});

</script>
</head>

<body>
<div id="mocha"></div>
<script>
mocha.run();

</script>
</body>

</html>
```

Maximum number of characters (including HTML tags added by text editor): 32,000

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