

[Dashboard](#) / [My courses](#) / [ID00CS34-3003](#) / [Introduction to Programming](#) / [Task 4.3 - Quiz4: Arrays](#)

| | |
|--------------|---------------------------------------|
| Started on | Thursday, 29 September 2022, 7:14 PM |
| State | Finished |
| Completed on | Thursday, 29 September 2022, 11:59 PM |
| Time taken | 4 hours 44 mins |
| Marks | 4.00/5.00 |
| Grade | 8.00 out of 10.00 (80%) |



Question 1

Correct

Mark 1.00 out of 1.00

You have an array with the following items: 'apple', 'orange', 'banana', 'kiwi'.
Write code for a function that prints out the element from the array from the given index.

For example:

| Test | Result |
|-------------|--------|
| getItem(2); | banana |

Answer: (penalty regime: 0 %)

Reset answer

```
1 let array = ['apple', 'orange', 'banana', 'kiwi'];
2 function getItem(index){
3     console.log(array[index]);
4 }
5
6
```

| | Test | Expected | Got | |
|---|-------------|----------|--------|---|
| ✓ | getItem(0); | apple | apple | ✓ |
| ✓ | getItem(1); | orange | orange | ✓ |
| ✓ | getItem(2); | banana | banana | ✓ |
| ✓ | getItem(3); | kiwi | kiwi | ✓ |

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.



Question 2

Correct

Mark 1.00 out of 1.00

Write code for a function that prints out the fifth item in an array given as a parameter.

For example:

| Test | Result |
|---|------------|
| let fruits = ["banana", "kiwi", "watermelon", "apple", "grapefruit"]; getFifthItem(fruits); | grapefruit |
| let cars = ["Audi", "Lada", "Ferrari", "Toyota", "Volvo", "Fiat"]; getFifthItem(cars); | Volvo |
| let students = ["John", "Jane", "Lisa", "Mary", "Carl", "Tina", "Joe", "Bill"]; getFifthItem(students); | Carl |

Answer: (penalty regime: 0 %)

Reset answer

1

2

3

4

```
function getFifthItem(array){  
  console.log(array[4]);  
}
```

| | Test | Expected | Got | |
|---|---|------------|------------|---|
| ✓ | let fruits = ["banana", "kiwi", "watermelon", "apple", "grapefruit"]; getFifthItem(fruits); | grapefruit | grapefruit | ✓ |
| ✓ | let cars = ["Audi", "Lada", "Ferrari", "Toyota", "Volvo", "Fiat"]; getFifthItem(cars); | Volvo | Volvo | ✓ |
| ✓ | let students = ["John", "Jane", "Lisa", "Mary", "Carl", "Tina", "Joe", "Bill"]; getFifthItem(students); | Carl | Carl | ✓ |
| ✓ | let lottonumbers = [1, 2, 5, 8, 12, 44, 1, 456, 77]; getFifthItem(lottonumbers); | 12 | 12 | ✓ |

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.



Question 3

Incorrect

Mark 0.00 out of 1.00

Write code for a function that creates a simple array with the following items: Audi, Lada, Toyota, Ferrari and prints out each element on a new line.

Answer: (penalty regime: 0 %)

Reset answer

```

1 let cars = ["Audi", "Lada", "Ferrari", "Toyota"]
2 simpleArray(cars);
3 function simpleArray(array) {
4     console.log(array[0][1][2][3]);
5 }
6
7

```

| | Test | Expected | Got | |
|---|----------------|---|---|---|
| ✘ | simpleArray(); | ↵ Audi↵ Lada↵ Toyota↵ Ferrari | ***Run error***↵ __tester__.js:4↵ console.log(array[0][1][2][3]);↵ ^↵ ↵ TypeError: Cannot read property '3' of undefined↵ at simpleArray (__tester__.js:4:31)↵ at Object.<anonymous> (__tester__.js:2:1)↵ at Module._compile (internal/modules/cjs/loader.js:778:30)↵ at Object.Module._extensions..js (internal/modules/cjs/loader.js:789:10)↵ at Module.load (internal/modules/cjs/loader.js:653:32)↵ at tryModuleLoad (internal/modules/cjs/loader.js:593:12)↵ at Function.Module._load (internal/modules/cjs/loader.js:585:3)↵ at Function.Module.runMain (internal/modules/cjs/loader.js:831:12)↵ at startup (internal/bootstrap/node.js:283:19)↵ at bootstrapNodeJSCore (internal/bootstrap/node.js:623:3) | ✘ |

Your code must pass all tests to earn any marks. Try again.

Hide differences

Incorrect

Marks for this submission: 0.00/1.00.



Question 4

Correct

Mark 1.00 out of 1.00

Write code for a function that prints out items of an array from the last to the first, each followed by a space.

For example:

| Test | Result |
|---|----------------------|
| array = [1,2,3,4,5,6,7,8,9,10]; printReversedArray(array); | 10 9 8 7 6 5 4 3 2 1 |
| array = ['a', 'b', 'c']; printReversedArray(array); | c b a |

Answer: (penalty regime: 0 %)

Reset answer

```
1 function printReversedArray(array) {  
2   let str = "";  
3   for (let i = array.length-1; i >= 0; i--) {  
4     i?str += array[i]+ " ":str += array[i]  
5   }  
6   console.log(str);  
7 }
```

| | Test | Expected | Got | |
|---|---|----------------------|----------------------|---|
| ✓ | array = [1,2,3,4,5,6,7,8,9,10]; printReversedArray(array); | 10 9 8 7 6 5 4 3 2 1 | 10 9 8 7 6 5 4 3 2 1 | ✓ |
| ✓ | array = ['a', 'b', 'c']; printReversedArray(array); | c b a | c b a | ✓ |

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

Question 5

Correct

Mark 1.00 out of 1.00

Write code for a function that gets an average of item values in a given array and prints it out.

For example:

| Test | Result |
|--|--------------------|
| let numbers = [1,1,1]; average(numbers); | 1 |
| let numbers = [1,5,1, 5, 10, 12, 44]; average(numbers); | 11.142857142857142 |
| let numbers = [0, 55]; average(numbers); | 27.5 |
| let numbers = [0, 0, 0, 0, 55]; average(numbers); | 11 |

Answer: (penalty regime: 0 %)

Reset answer

```
1 function average(array) {  
2   let sum=0;  
3   array.forEach(element=> sum+=element);  
4   console.log(sum/array.length);  
5 }
```

| | Test | Expected | Got | |
|---|--|--------------------|--------------------|---|
| ✓ | let numbers = [1,1,1]; average(numbers); | 1 | 1 | ✓ |
| ✓ | let numbers = [1,5,1, 5, 10, 12, 44]; average(numbers); | 11.142857142857142 | 11.142857142857142 | ✓ |
| ✓ | let numbers = [0, 55]; average(numbers); | 27.5 | 27.5 | ✓ |
| ✓ | let numbers = [0, 0, 0, 0, 55]; average(numbers); | 11 | 11 | ✓ |

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.





◀ Task 4.2: Arrays2 - Multidimensional Arrays

Jump to...

[Task 4.4: Feedback for Arrays Section ▶](#)

