

# Javascript Challenges - 1

## Problem 1

Destructure the array and object given below

```
// TODO destructure the array so that 2 variables apple and peach hold values at indexes 0 and 2 in the array
const numbersArray = ['apple','orange', 'peach'];

// TODO destructure the object to extract name and age of the person
const person = {
  name: 'abcde',
  age: 10,
  gender: 'm'
};
```

## Problem 2

Use spread operator on the array and object given below

```
// TODO combine below arrays into one array array3
const array1 = [1,2,3];
const array2 = [4,5,6];
// array3 should be [1,2,3,4,5,6]

// TODO combine below objects into one personDetails object
const basicDetails = {
  name: 'abcde',
  age: 10,
  gender: 'm'
};

const educationDetails = {
  degree: 'xyz',
  college: 'anc',
}
```

## Problem 3

Write a javascript function to find and return the largest number in an array

```
function largestNumber (numArray){
  // TODO complete this
}

/* Test 1:
   Input: numArray = [1,5,7,9]
   Output: 9
*/
```

```
/* Test 2
   numArray = [-1, -5, 0, -100]
   Output: 0
*/
```

## Problem 4

Write a javascript function to return updated salaries of employees by given percentage

```
function updateSalaries (employeesArray, percent){
  // TODO complete this
}

/* Test 1:
   Input: employeesArray = [100,500,700,400], percent = 10
   Output: [110, 550, 770, 440]
*/
```