Complete the following task using arrays. For your convenience, you can take the array name as array + [part number]. E.g. for part 6, you may name your array as array6.

1. Declare an integer array of 10 element.
2. Declare and initialize an integer array of 5 numbers with following values 5, 4, 3, 4, 5
3. Declare and initialize an integer array of 5 numbers with following values 5, -5 (only two values)
4. Declare and initialize an array of 3 elements with following values 3.7, -1.2, 2.0
5. Declare and initialize an array of 100 elements with all values = 0.
6. In part 2, print the 2nd and 3rd elements of the array. What is the output?
7. In part 3, print the 1st and last elements of the array. What is the output?
8. In part 5, set the 1st and last elements value to 0 and 100.
9. In part 5, set the 1st and last elements value to 0 and 100.
10. In part 4, set all array elements to -1.0 using the index i.e. [] operator.

Index out of bounds.