

## Exercises for the Holidays

1. Write a Java program to calculate the average value of array elements.
2. Write a Java program to test if an array contains a specific value.
3. Write a Java program to reverse an array of integer values
4. Write a method that returns the nth element of the Fibonacci Sequence  
The Fibonacci Sequence is the series of numbers: 0, 1, 1, 2, 3, 5, 8, 13, 21, 34, ...  
The next number is found by adding up the two numbers before it.  
Assume that indexes start at zero, e.g., fib(0) = 0, fib(1) = 1, ...
5. Write a method that returns 'Fizz' for multiples of three and 'Buzz' for the multiples of five.  
For numbers which are multiples of both three and five return 'FizzBuzz'.  
For numbers that are neither, return the input number

*Merry Christmas and Happy New Year to all of you!!!*