

## Ashi Chouhan

Write a Java program that prints the numbers from 1 to 50. But for multiples of four print "Fizz" instead of the number and for the multiples of five print "Buzz". For numbers which are multiples of both four and five print "FizzBuzz".

### PROGRAM:

```
package Lab5;

public class FizzBuzz {

    public static void main(String[] args) {

        // Loop to iterate from 1 to 50
        for(int i = 1; i <= 50 ; i ++){

            // If condition to print 'FizzBuzz' if 'i' is Multiple of both
            4 and 5
            if(i % 4 == 0 && i % 5 == 0) {
                System.out.println("FizzBuzz");
            }
            // else-If condition to print 'Fizz' if 'i' is Multiple of 4
            else if (i % 4 == 0 && i % 5 != 0) {
                System.out.println("Fizz");
            }
            // else-If condition to print 'Buzz' if 'i' is Multiple of 5
            else if ( i % 5 == 0 && i % 4 != 0 ) {
                System.out.println("Buzz");
            }
            // else condition to print 'i' if the above condition are not
            true
            else {
                System.out.println(i);
            }
        }
    }
}
```

### OUTPUT:

<terminated> FizzBuzz (1) [Java Application] C:\Users\Ashi chouhan\p2\

```
1
2
3
Fizz
Buzz
6
7
Fizz
9
Buzz
11
```