9. Fizz Buzz

* [Description](http://lintcode.com/en/problem/fizz-buzz/" \l "description)
* [Notes](http://lintcode.com/en/problem/fizz-buzz/#note)
* [Testcase](http://lintcode.com/en/problem/fizz-buzz/#testcase)
* [Judge](http://lintcode.com/en/problem/fizz-buzz/#judge)

Given number *n*. Print number from 1 to *n*. But:

* when number is divided by 3, print "fizz".
* when number is divided by 5, print "buzz".
* when number is divided by both 3 and 5, print "fizz buzz".

Have you met this question in a real interview?

Yes

**Example**

If *n* = 15, you should return:

[

"1", "2", "fizz",

"4", "buzz", "fizz",

"7", "8", "fizz",

"buzz", "11", "fizz",

"13", "14", "fizz buzz"

]

<http://lintcode.com/en/problem/fizz-buzz/#>

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package javaapplication1;

import java.util.\*;

public class JavaApplication1 {

public static List<String> fizzBuzz(int n) {

// write your code here

List<String> ans = new ArrayList();

for(int i =1; i<=n; i++) {

if(i%3 ==0 && i %5 ==0){

ans.add("fizz buzz");

} else if(i % 3 ==0) {

ans.add("fizz");

} else if(i % 5 ==0) {

ans.add("buzz");

}

else{

ans.add(String.valueOf(i));

}

}

return ans;

}

public static void main(String[] args) {

// TODO code application logic here

for(String elem : fizzBuzz(15)) {

System.out.print(elem + " ");

}

}

}