/Users/mahmoudmahmoud/Documents/workspace/101-Lecture2/src/Program.java Page 1/1 Saved: 2/22/20, 10:55:04 AM Printed for: Mahmoud Mahmoud

```
public static int str2Int(String str) {
1
           if (str == null || str.isEmpty()) {
2
               throw new IllegalArgumentException("Input argument can't be null or empty'
3
           }
4
           int sum = 0;
5
           for(int i = 0; i < str.length(); i++) {</pre>
6
               if(str.charAt(i) > '9' || str.charAt(i) < '0') {</pre>
7
                    throw new IllegalArgumentException(str.charAt(i) +
8
                    " is not a valid input character");
9
10
               sum = sum * 10 + str.charAt(i) - '0';
11
12
           }
           return sum + 1;
13
14
       }
15
```