



Practice > Tutorials > 30 Days of Code > Day 16: Exceptions - String to Integer

6 more challenges to get your next star!



14% 16/22

Day 16: Exceptions - String to Integer ☆

by AvmnuSng

Problem

Submissions

Leaderboard

Discussions

Editorial

Tutorial

Objective

Today, we're getting started with *Exceptions* by learning how to parse an integer from a string and print a custom error message. Check out the [Tutorial](#) tab for learning materials and an instructional video!

Task

Read a string, S , and print its integer value; if S cannot be converted to an integer, print `Bad String`.

Note: You *must* use the String-to-Integer and exception handling constructs built into your submission language. If you attempt to use loops/conditional statements, you will get a `0` score.

Input Format

A single string, S .

Constraints

- $1 \leq |S| \leq 6$, where $|S|$ is the length of string S .
- S is composed of *either* lowercase letters ($a - z$) *or* decimal digits ($0 - 9$).

Output Format

Print the parsed integer value of S , or `Bad String` if S cannot be converted to an integer.

Sample Input 0

3

Sample Output 0

3

Sample Input 1

za

Sample Output 1

Bad String

Explanation

Sample Case 0 contains an integer, so it should not raise an exception when we attempt to convert it to an integer. Thus, we print the **3**.

Sample Case 1 does not contain any integers, so an attempt to convert it to an integer will raise an exception. Thus, our exception handler prints `Bad`

String.

Solved score: 15.00pts

Easy

Submitted 59599 times
Max Score **30**

Need Help?



[View Tutorial](#)



[View Discussions](#)



[View Editorial Solution](#)



[View Top Submissions](#)

RATE THIS CHALLENGE



[Download problem statement](#)

[Download sample test cases](#)

[Suggest Edits](#)



Current Buffer (saved locally, editable)

Java 8



```
1 import java.io.*;
2 import java.util.*;
3 import java.text.*;
4 import java.math.*;
5 import java.util.regex.*;
6
7 public class Solution {
8
9     public static void main(String[] args) {
10         Scanner in = new Scanner(System.in);
11         String S = in.next();
12     }
13 }
```

Line: 1 Col: 1

[Upload Code as File](#) ☐ Test against custom input

Run Code

Submit Code

[Contest Calendar](#) | [Blog](#) | [Scoring](#) | [Environment](#) | [FAQ](#) | [About Us](#) | [Support](#) | [Careers](#) | [Terms Of Service](#) | [Privacy Policy](#) | [Request a Feature](#)