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Day 16: Exceptions - String to Integer

by AvimanyuSingh

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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 ot convert it to an integer will raise an exception. Thus, our exception handler prints `Bad String`.

Solved score: 15.00pts

Submissions: 6820

Max Score: 30

Difficulty: Easy

More

Current Buffer (saved locally, editable)   Python 2

```python
1   #!/bin/python
2
3   import sys
4
5
6   S = raw_input().strip()
7   try:
8       I=int(S)
9       print I
10  except:
11      print "Bad String"
```

Line: 11 Col: 22

⬆ Upload Code as File   ☐ Test against custom input   Run Code   Submit Code

Congrats, you solved this challenge!

✔ Test Case #0   ✔ Test Case #1   ✔ Test Case #2

✔ Test Case #3   ✔ Test Case #4   ✔ Test Case #5

Next Challenge

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