**Day 16: Exceptions - String to Integer**

**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< S < 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.