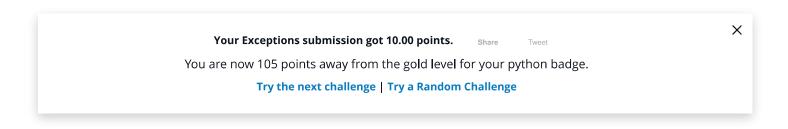
Exceptions



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Editorial 🛆

Exceptions

Problem

Errors detected during execution are called exceptions.

Submissions

Examples:

ZeroDivisionError

This error is raised when the second argument of a division or modulo operation is zero.

Leaderboard

```
>>> a = '1'
>>> b = '0'
>>> print int(a) / int(b)
>>> ZeroDivisionError: integer division or modulo by zero
```

ValueError

This error is raised when a built-in operation or function receives an argument that has the right type but an inappropriate value.

```
>>> a = '1'
>>> b = '#'
>>> print int(a) / int(b)
>>> ValueError: invalid literal for int() with base 10: '#'
```

To learn more about different built-in exceptions click here.

Handling Exceptions

The statements try and except can be used to handle selected exceptions. A try statement may have more than one except clause to specify handlers for different exceptions.

```
#Code
try:
    print 1/0
except ZeroDivisionError as e:
    print "Error Code:",e
```

Output

Error Code: integer division or modulo by zero

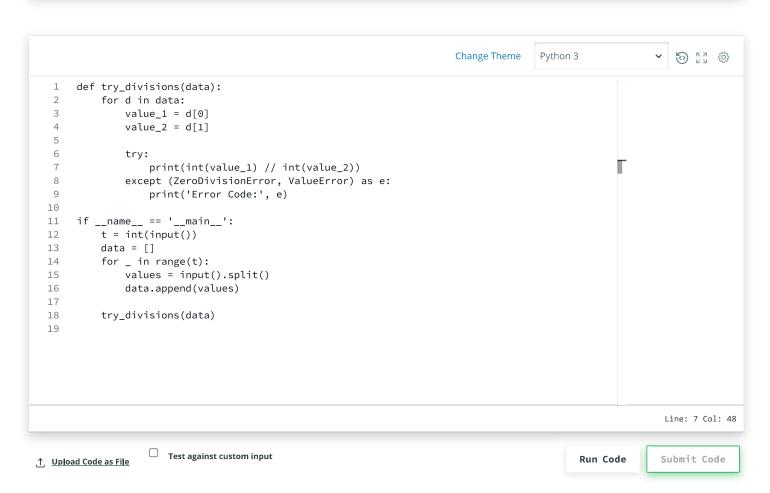
Task

You are given two values $m{a}$ and $m{b}$.

Perform integer division and print a/b.

Input Format

```
The first line contains T, the number of test cases.
The next m{T} lines each contain the space separated values of m{a} and m{b}.
Constraints
• 0 < T < 10
Output Format
Print the value of a/b.
In the case of ZeroDivisionError or ValueError, print the error code.
Sample Input
  3
  1 0
  2 $
  3 1
Sample Output
  Error Code: integer division or modulo by zero
  Error Code: invalid literal for int() with base 10: '$'
  3
Note:
For integer division in Python 3 use //.
```

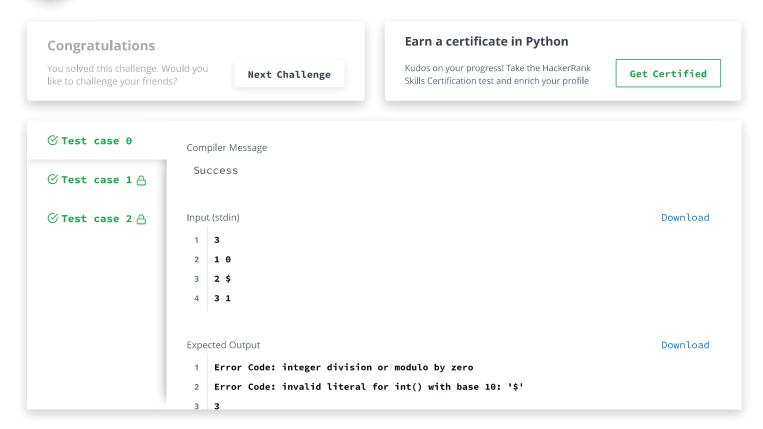


You have earned 10.00 points!

You are now 105 points away from the gold level for your python badge.

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