





Problem Submissions Leaderboard Editorial A

Exceptions

Errors detected during execution are called exceptions.

Examples:

ZeroDivisionError

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

```
>>> 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 \boldsymbol{a} and \boldsymbol{b} .

Perform integer division and print a/b.

Input Format

The first line contains \boldsymbol{T} , the number of test cases.

The next T lines each contain the space separated values of \boldsymbol{a} and \boldsymbol{b} .

Constraints

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```
• 0 < T < 10
```

Output Format

Print the value of **a/b**.

In the case of ZeroDivisionError or ValueError, print the error code.

Sample Input

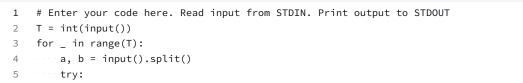
- 3
- 1 0
- 2 \$
- 3 1

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 ${\bf Python~3}$ use //.



Change Theme

Language Python 3

- 7
- 6 print(int(a)//int(b))
- except Exception as e: 8 print(f"Error Code: {e}")
- 9 10

EMACS

Run Code Submit Code Test against custom input You have earned 10.00 points! 65/115 challenges solved. Congratulations Next Challenge You solved this challenge. Would you like to challenge your friends? Compiler Message Success Input (stdin) Download 1 0 2 \$ 3 1 **Expected Output** Download Error Code: integer division or modulo by zero Error Code: invalid literal for int() with base 10: '\$'

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