# Lab: Error Handling

## So Many Exceptions

You are provided with the following code:

numbers\_list = input().split(**", "**)  
result = 0  
  
**for** i **in** range(numbers\_list):  
 number = numbers\_list[i + 1]  
 **if** number < 5:  
 result \*= number  
 **elif** number > 5 **and** number > 10:  
 result /= number  
  
print(result)

This code raises many exceptions. Fix it, so it works correctly.

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 1, 4, 5  4, 5, 6, 1, 3  2, 5, 10 | 20  10  1 |

## Value cannot be Negative

Create your own exception called ValueCannotBeNegative. Write a program that reads **five numbers** from the console (on separate lines). If a **negative** number occurs, raise the exception.

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 1  4  -5  3  10 | Traceback (most recent call last):  File ".\value\_cannot\_be\_negative.py", line 8, in <module>  raise ValueCannotBeNegative  \_\_main\_\_.ValueCannotBeNegative |

## Repeat Text

Write a program that receives **text** on the first line and **times** (to repeat the text) that must be an **integer**. If the user passes **non-integer** type for the times variable, handle the exception and print a message   
**"Variable times must be an integer".**

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| Hello  Bye | Variable times must be an integer |
| Hello  2 | HelloHello |