

# Revealing Truth

Problem ID: a11p03revealingtruth

Write a function, `list_to_bool_tuple()`, that converts every element in a given list to a boolean and then returns a tuple consisting of these boolean elements.

Any value can be interpreted as a boolean in Python.

For example, the empty string (written as `" "`) would be interpreted as `False` (for example by writing `bool(" ")`), while any other string would be interpreted as `True`.

Any integers encountered should be converted to `int`, before being evaluated to their truth value.

**The main file, which handles input and output, is already provided. - Please only submit your function definitions, without any code outside the functions!**

Note: The function `list_to_bool_tuple` can receive a list, whose elements are either integers, strings, or a mix of both.

## Input

The function receives one list `l` as a parameter.

In the tests, `l` will be a list of length  $0 \leq |l| \leq 1000$ . The elements of the list will be strings. You may assume all characters in the input are printable ASCII characters.

In the samples below, the first and only line of the input contains the elements of the list `l` separated by commas. Gradescope will handle reading the input, splitting it on the commas and passing the resulting list as an argument to your function.

## Output

The function should return one tuple `t`, the elements of list `l` converted to booleans.

### Sample Input 1

```
1,2,bla,42,52,,0,,t,,
```

### Sample Output 1

```
(True, True, True, True, True, False, False, False, True, False, False)
```

### Sample Input 2

```
0,,1,10,-1
```

### Sample Output 2

```
(False, False, True, True, True)
```