List comprehension → Else comprehension

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Medium 4 minutes

Write a program that converts a given list into a list with binary values: either 1 or 0. If the number in the initial list was greater than 0, in the binary list there should be 1, and if the number was less or equal, in the new list you should write 0. Naturally, use the list comprehension and print the result.

Given list: a list with integer numbers, e.g. `[5, 0, 4, -10]`.

Output list: a list consisting of ones and zeros, e.g. `[1, 0, 1, 0]`.

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Write a program

Code Editor IDE

Python

```
# the following line reads the list from the input, do not modify it, please
old_list = [int(num) for num in input().split()]

binary_list = [1 if x > 0 else 0 for x in old_list]
print(binary_list)

```

✓ Correct.

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