What will the output be?

'1.0' '3.3' '-4.2'



Convert the LHS to the RHS using map/filter

 $1 \quad 3 \quad 4 \quad 2 \quad -5 \quad \# <4, \quad 1> (sum)$

2 3 # => ['1', 'True', '[2, 3]'

 $0 \quad 1 \quad 0 \quad 6 \quad 'A' \quad 1 \quad 0 \quad 7 \quad \# => <1, 6, 1, 7>$



More Examples

```
# What will the output be?
map(float, ['1.0', '3.3', '-4.2'])
filter(is_prime, range(100))
# Convert the LHS to the RHS using map/filter
[1, 3], [4, 2, -5]] # <4, 1> (sum)
[1, True, [2, 3]] # => ['1', 'True', '[2, 3]'
\begin{bmatrix} 0 & 1 & 0 & 6 & A' & 1 & 0 & 7 \end{bmatrix} # => <1, 6, 1, 7>
```

List Comprehensions vs. map + filter