

Input

Store x

Input

Store y

Input

Store z

one\_ten, input

Store w

Subt eleven

Skipcond 000 // only skip the loop if w is smaller than 11.

Jump one\_ten

load w

skipcond 800 // skip the loop if w is greater than 0

Jump one\_ten

Output / Output only if the number is between 1(inclusive) and 10(inclusive)

sum, load x

Add y

Subt z

store NUM

Output

Halt

w, dec 0

x, dec 0

y, dec 0

z, dec 0

NUM, dec 0

eleven, dec 11