

Punchy :

1 A 3

2 A

3

1 B 7

2 B

7

4 B A

2 A

Intuition
building

2 B

21

1 A 21

5 A B

6 B A

7

Will
Never
Happen

Thu 20 Feb 2019
Logic & Pseudo-code

0) keep reading input lines till we find 7; then halt

1) Ln contains a line
1.1) identify instruction Id

1.2) Identify 1st variable
(if needed)

1.3) Ident. 2nd variable
(if needed)

1.4) Do the operation

2) Next line

while input-1st-char != 7:

Id = input-line-1st-char

var1 = input-line-2nd-char

If Id == 2:

If var1 == "A": print A
else: print B

else:

var2 = line-2nd-char

If Id == 1:

if var1 == 'A':
A = var2

else: B = var2

elif Id == 3:

if var1 == 'A':

If var2 == 'A':
A = 2A

elif var2 == 'B':
A = A + B

else