File View Run Help

Animate: View: Format:
Slow   Fast   Program flow   Scr...   D...

ROM
```
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
```

RAM
```
0     6
1     7
2     42
3     0
4     0
5     0
6     0
7     0
8     0
9     0
10    0
11    0
12    0
13    0
14    0
15    0
16    42
17    7
18    0
19    0
20    0
21    0
22    0
23    0
24    0
25    0
26    0
27    0
28    0
```

```
}
set RAM[0] 2,    // Restores R0 and R1 in case the program changed them
set RAM[1] 4,
output;

set PC 0,
set RAM[0] 6,    // Sets R0 and R1 to some input values
set RAM[1] 7,
set RAM[2] −1;   // Ensures that the program initialized R2 to 0
repeat 210 {
  ticktock;
}
set RAM[0] 6,    // Restores R0 and R1 in case the program changed them
set RAM[1] 7,
output;
```

PC   134

A   2

D   42

ALU

D Input :   ALU output :

42   42

D

M/A Input :

2

End of script – Comparison ended successfully