$$2 + 3 = 5 -> a1$$

$$5 \times 2 = 10 -> a2$$

The value of a2 is 10.

2.
$$a0 = 0$$
, $a1 = 3$

$$0 + 1 = 1 -> a0$$

$$2 + 1 = 3 -> a0$$

$$3 = 3$$

$$3 + 3 = 6 -> a0$$

$$6 + 1 = 7 -> a0$$

j loop

The value of a0 is 7.

loopend:

mv a0, a3

$$0 + 2 = 2 -> a3$$

J Loop

$$2 + 1 = 3 -> a3$$

J Loop

$$0 = 0$$

The value of a0 is 3. 11 instructions are executed in the snippet.