Let's take a look at this code. Why won't it work?

The `my age` variable wants to increment, but still holds a value of 19, not 20. Why doesn't this block change the variable's value? Let's take a closer look inside...

Similarly, the value of `age` is copied, sent through the function, and a brand new value emerges as the output.

The set block overwrites the value of `age`, setting it to the value returned by the function, and he's on his way!

Our poor `my age` variable remains unchanged by the block, and does not get to have his Birthday.

This block is a command block, which (in Snap!) looks like a puzzle piece. This means it “does something,” but has no output. The variable `age` with the value of 20 is stuck inside, and is not returned.

But why can't he get out?

Happy birthday to me!!!