ROBOLAB
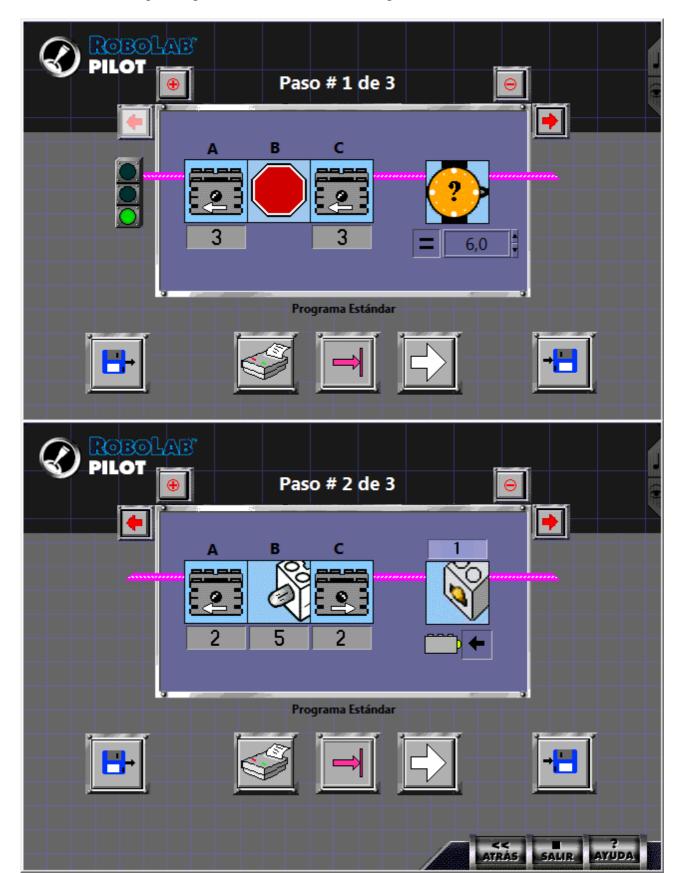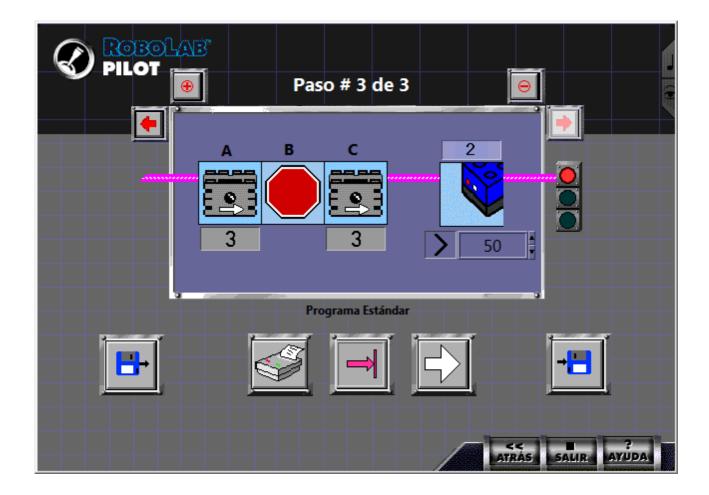
Look at the following program:

1. Explain the what the robot should do, indicating power, time and direction of rotation or movement.
2. Make a list with all the sensors and actuators connected to every port.

Remarks: an arrow pointing **left** in a motor means moving **forwards**.

SOLUTION:

1. The robot will work as follows:
   Step 1: It moves forwards (power 3) for 6 seconds.
   Step 2: It turns right (power 2), the light is on (power 5), until the switch is pressed.
   Step 3: It moves backwards (power 3) until it finds a lighter surface.

2. List of sensors and actuators connected:

ports					
1	2	3	A	B	C
switch	light sensor		motor	light bulb	motor