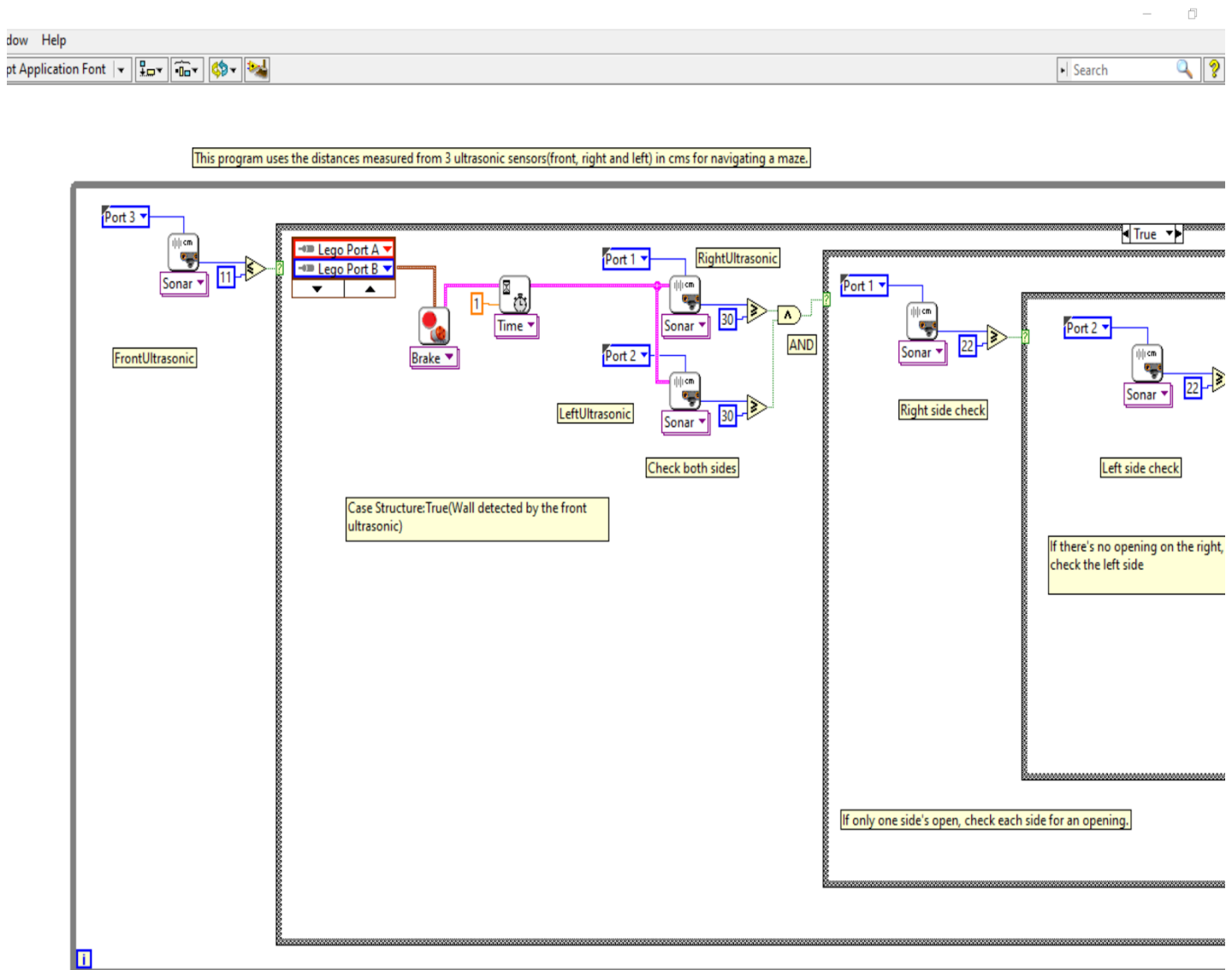


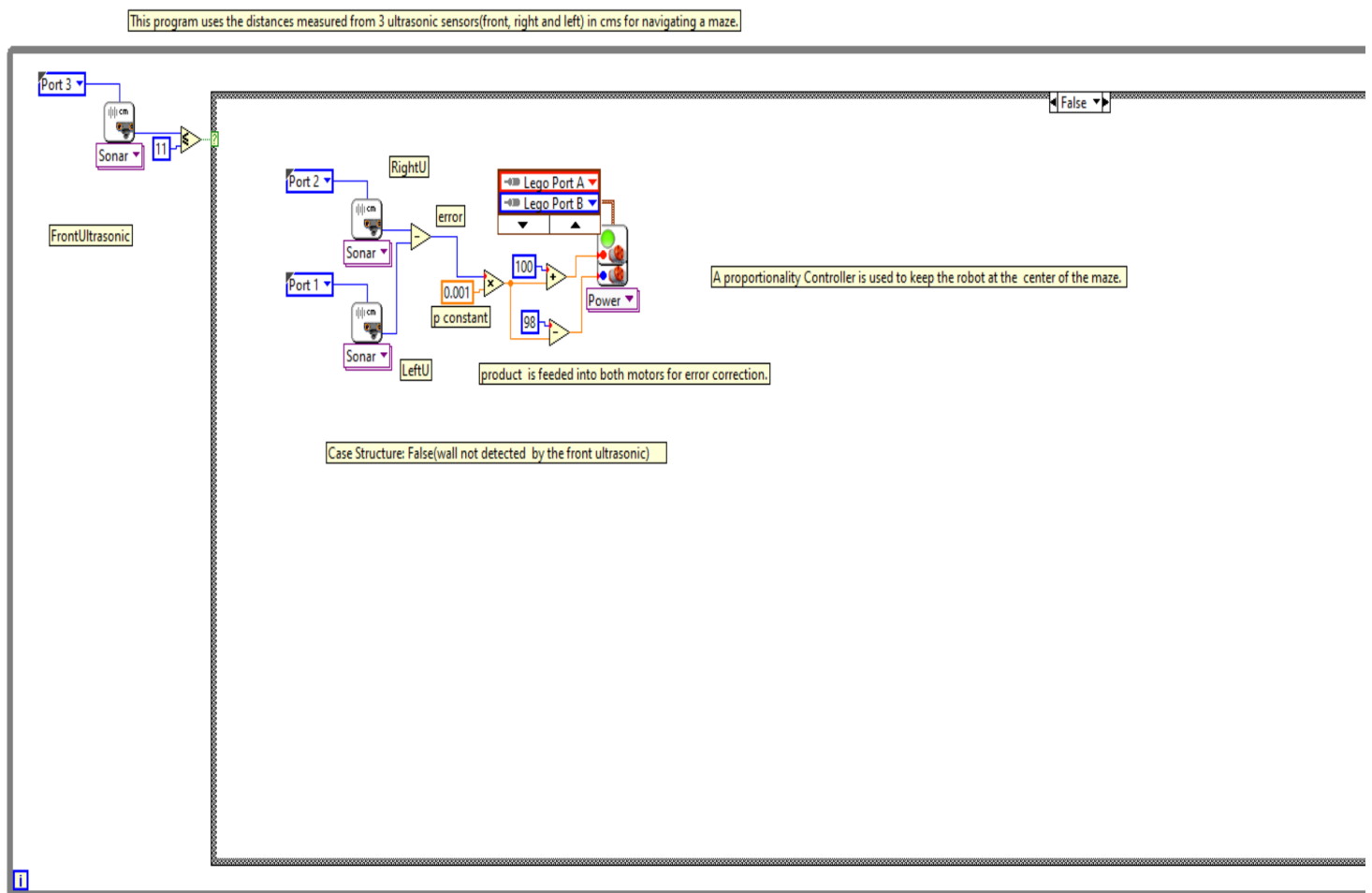
Program Name: “navigate”

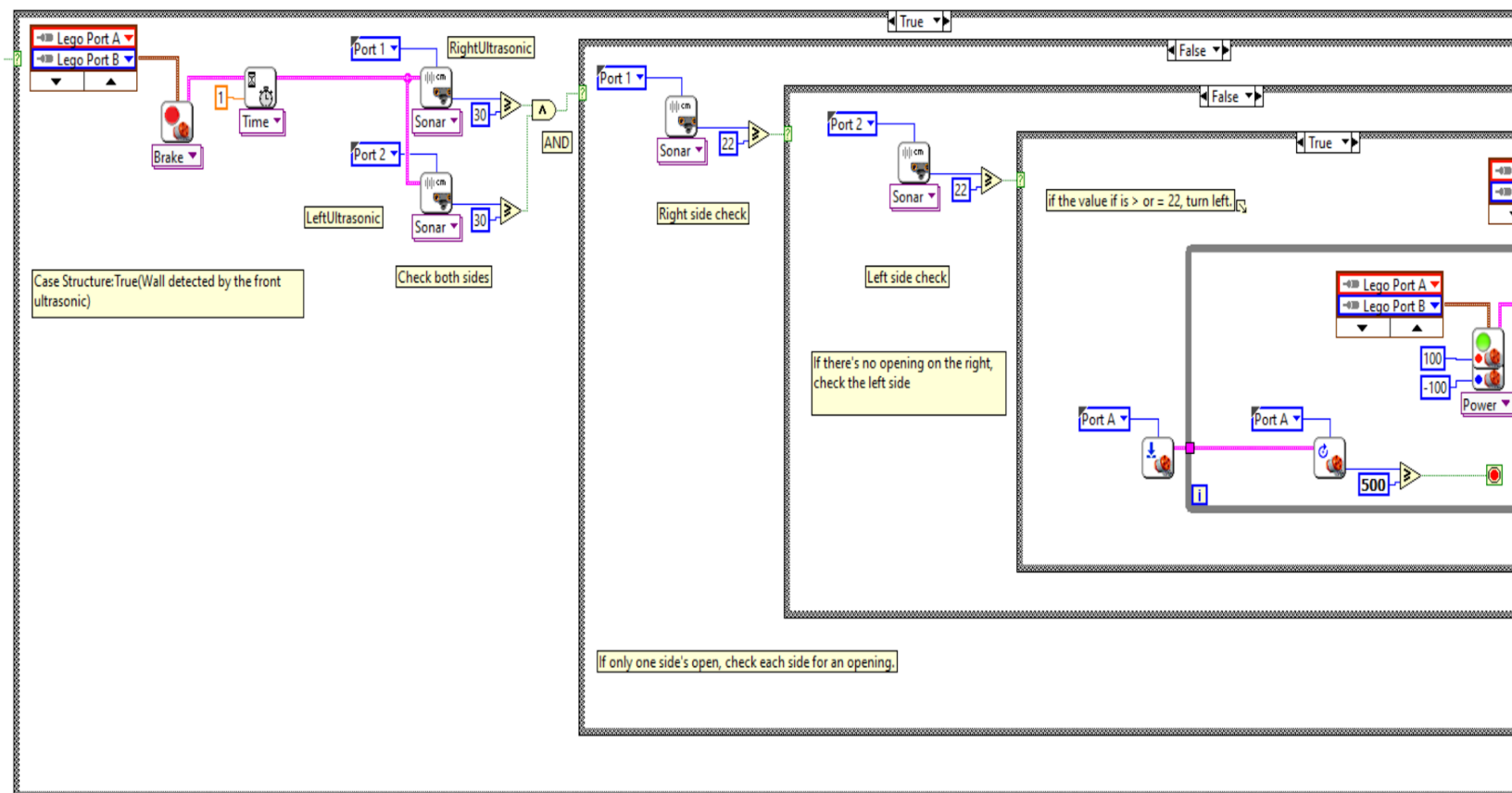
Programming Environment: Labview 2015 with the Lego Mindstorms Module
Microcontroller: EV3 by Lego.

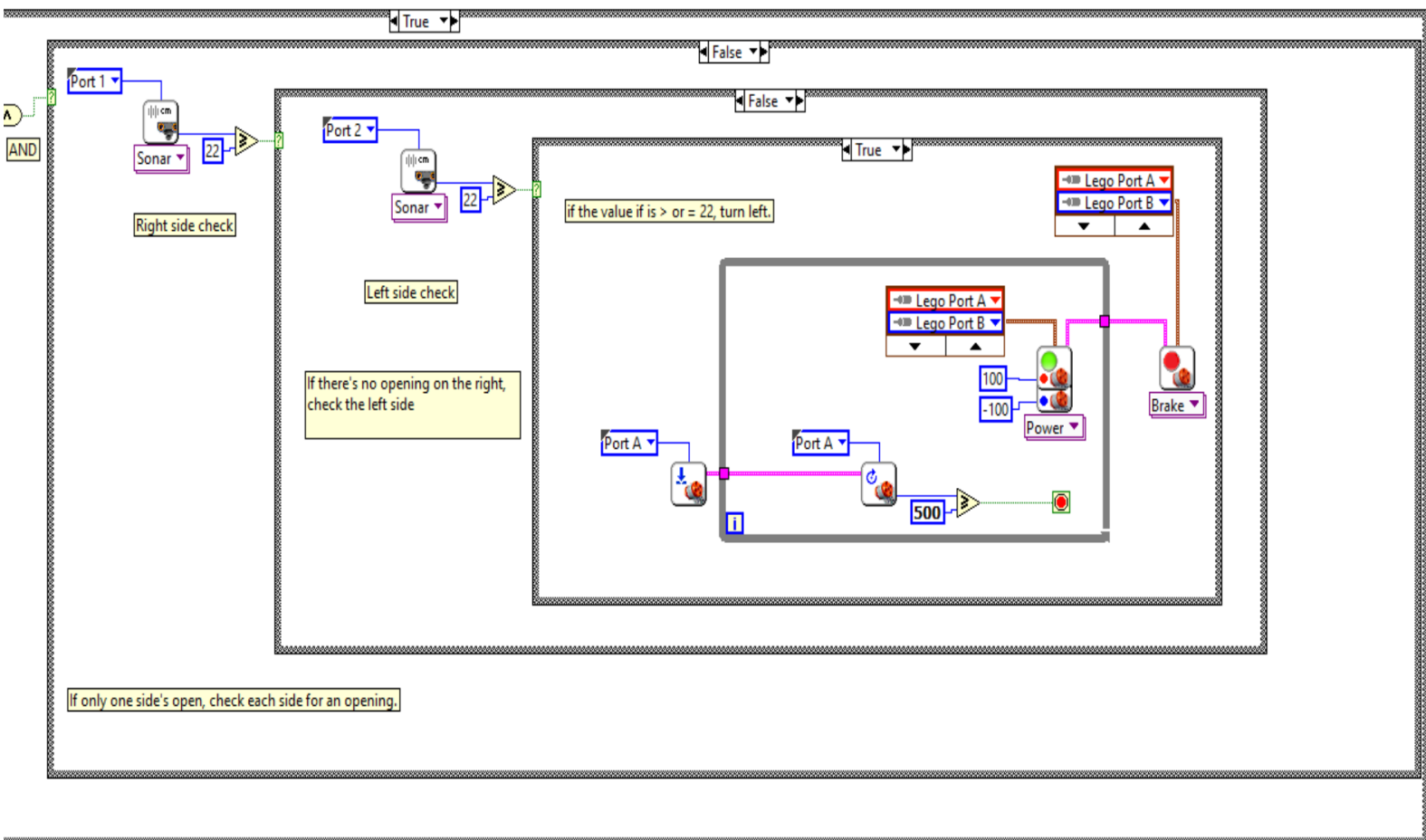
This program involves controlling a maze solving robot with a program known as “navigate” within the Labview environment. Sensors including 3 ultrasonic sensors, and one color sensor are used in this robot. The maze robot is used for solving a physical maze that dead ends, and T- connecting paths.

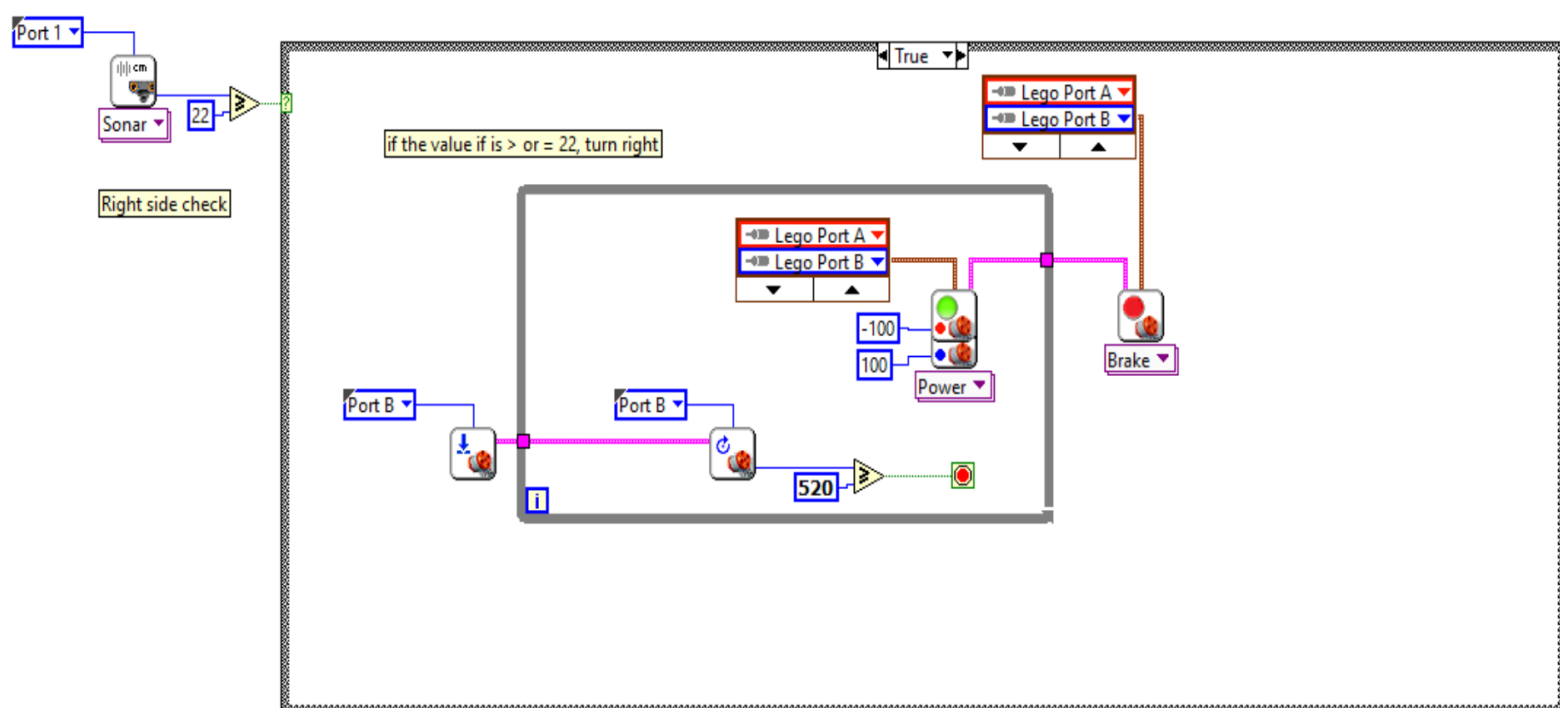


The whole program is present in a loop that has an end condition which is when the stop button is pressed. Within this loop

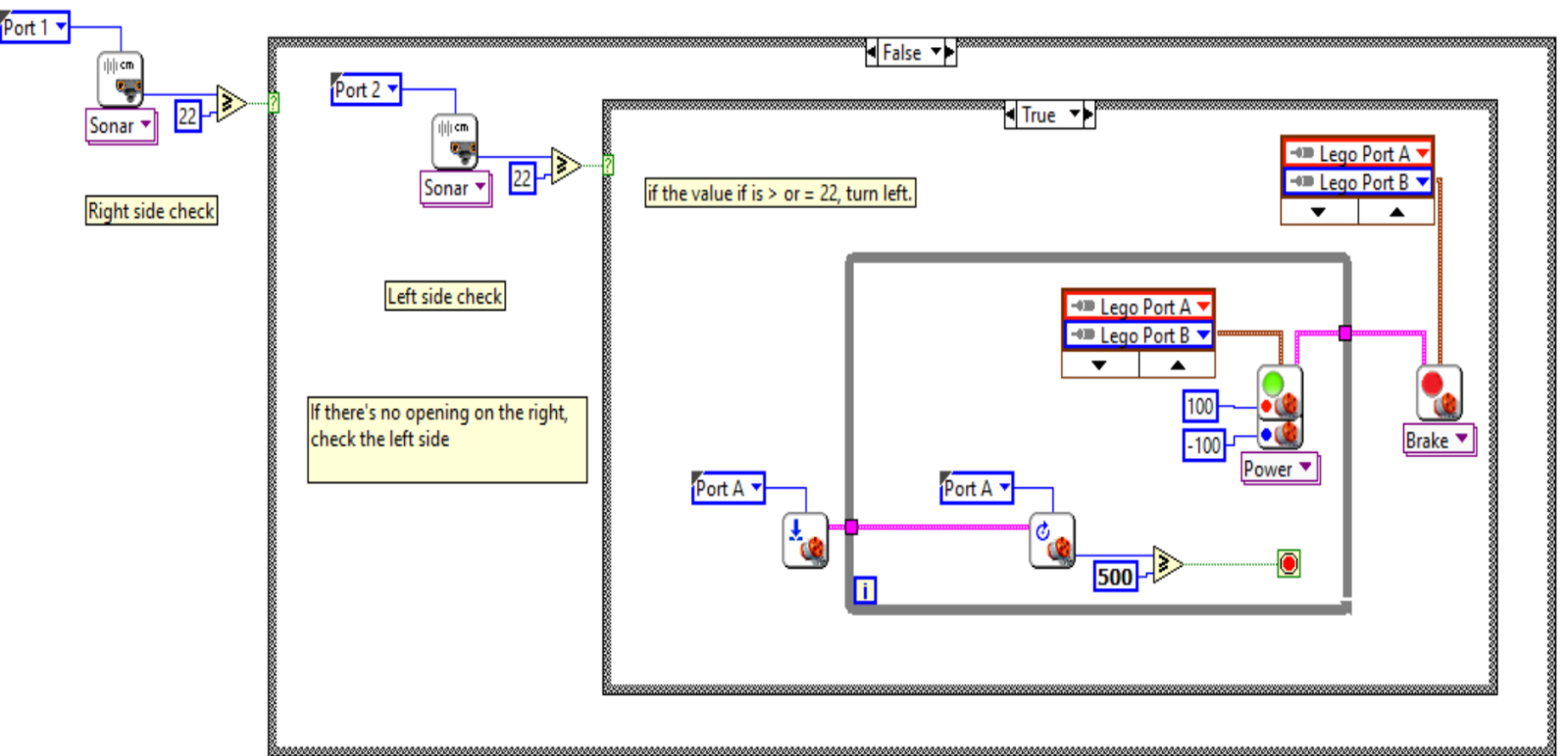








If only one side's open, check each side for an opening.



If only one side's open, check each side for an opening.

