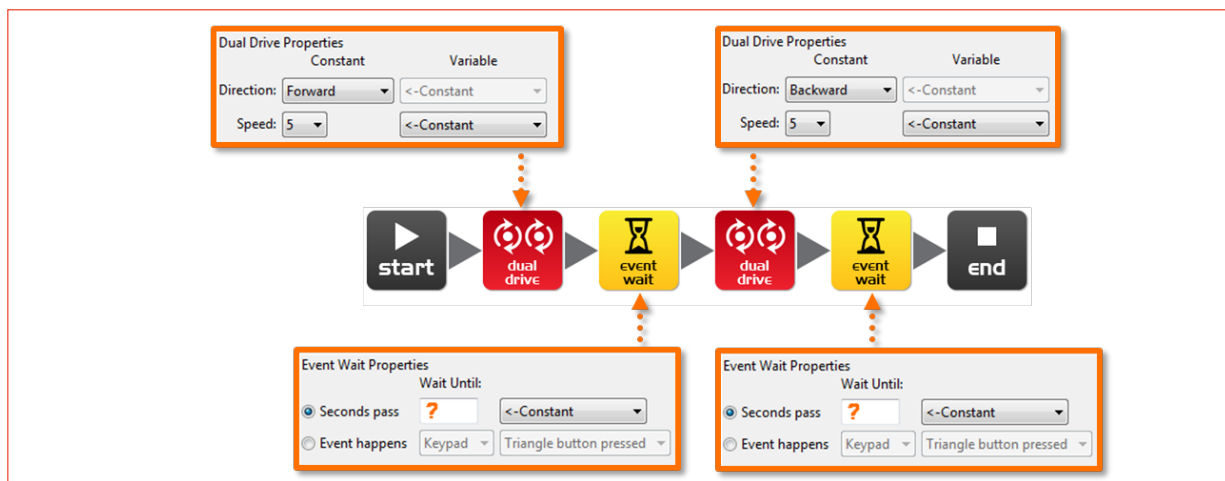


- 8** Write the following program to drive the Edison robot forward and then backward. Use the Start/Finish activity sheet as start/stop markers.

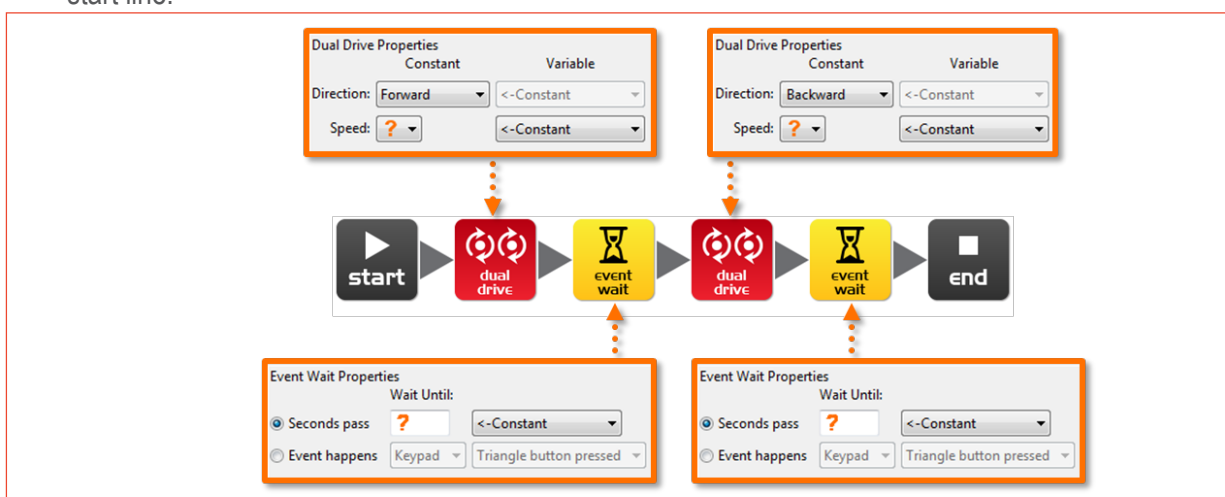


- 9** Modify the 'Seconds pass' property to an amount of time in seconds to have the robot start from behind the Start line and stop just before the finish line, then drive backwards and stop before the start line. Try different amounts of time until your robot drives forwards and backwards and stops just before the start line.

Q. How long?

- 10** What are the correct times to forward? And backward?

- 11** Modify your program to change both time and speed. Again we want to see how long it takes to go forward from just behind the start line and stop just before the finish line and then drive backwards, stopping before the start line.



Q. Time & Speed?

- 12** To go fastest, what were time and speed going forward? And time and speed going backward?

- 13** To go slowest, what were time and speed going forward? And time and speed going backward?