EXPERIMENT 2. Mark a distance of 40cm. Take time with a stopwatch, how fast does the robot travel this distance with medium speed. Guess how long it might take it to travel 20cm. Experiment.

Look at the solution: https://www.youtube.com/watch?v=ovkHVf6o2Wc

If the robot speed isn't defined before the movement block, then it will drive with medium speed. Draw a dark line 40cm from the starting point.

Create a program, that consists of:

   1) robot drive forward until on white surface block.

Load the program into the robot. Place the robot on the marked starting position and run the program. The robot travels the distance in roughly 1.5 seconds.

Draw a dark line 20 cm from the starting position. The robot should take 1.5 : 2 = 0.75 seconds to complete it.

Load the program to the robot. Place the robot in the same starting position and run the program. The robot travels the distance in about 0.8 seconds.