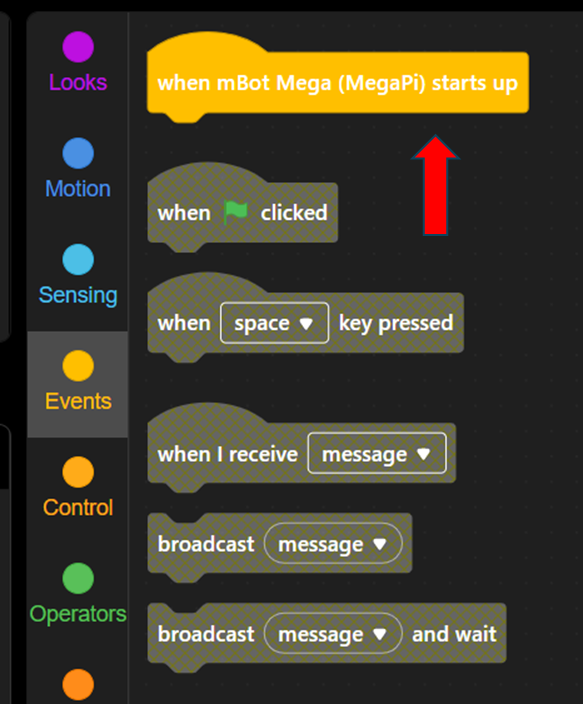
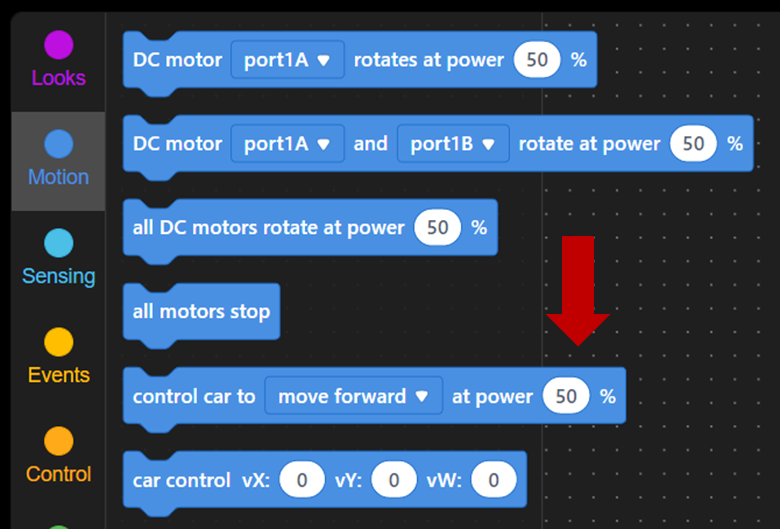
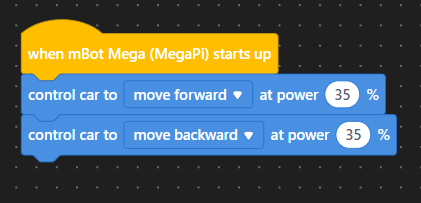
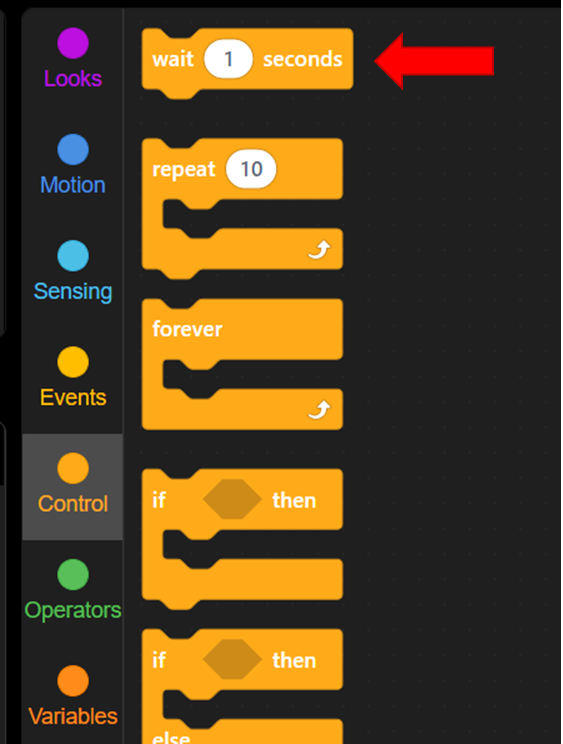
Part 1A: Making the bot the bot move back and forth

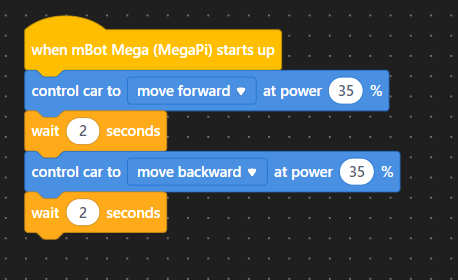


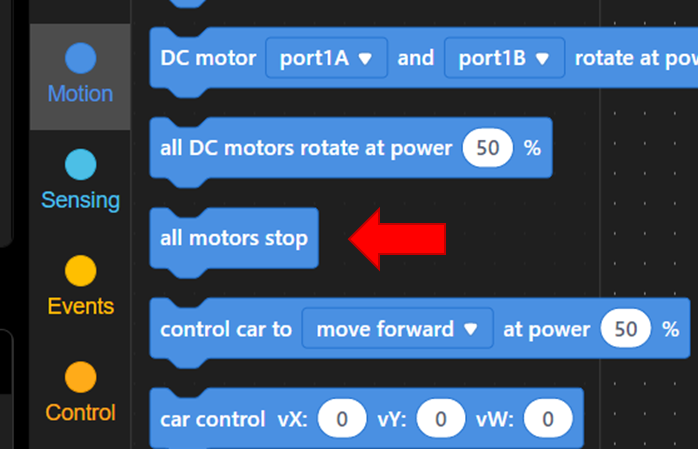
Make sure to grab two of the move blocks



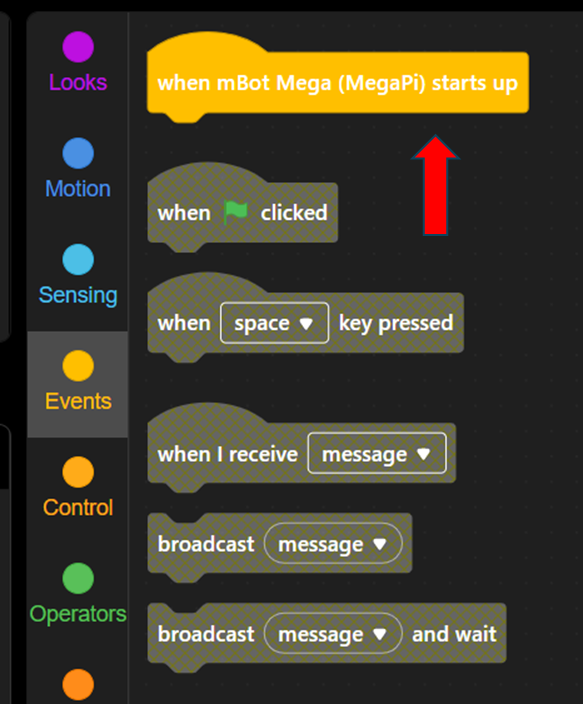
Make sure to grab two wait second blocks

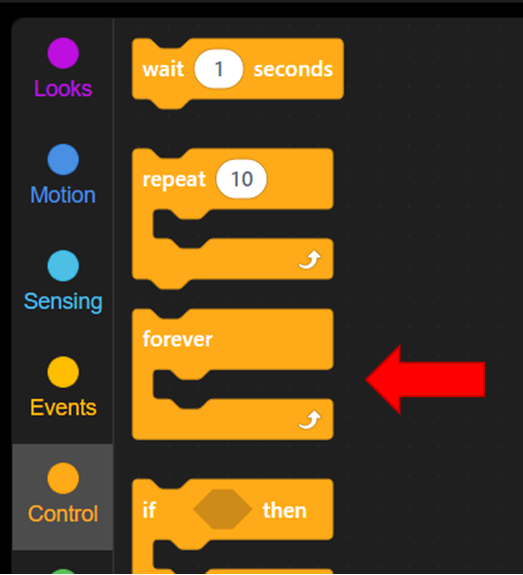


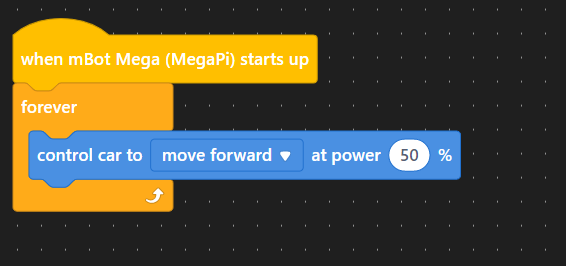
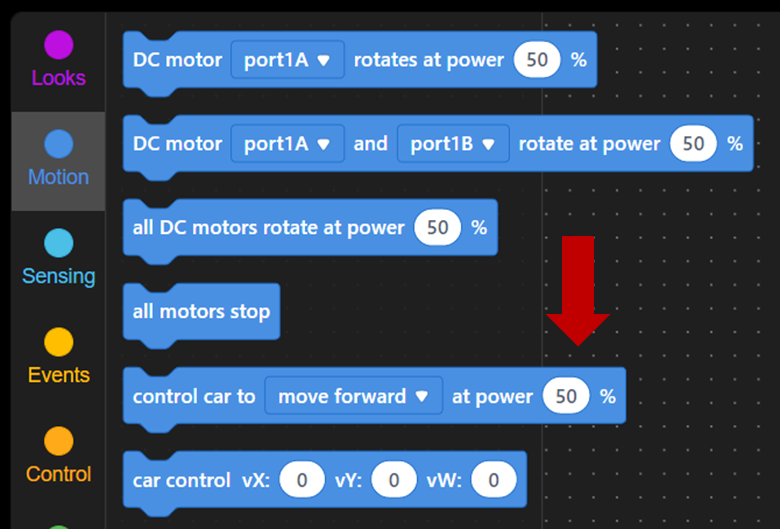


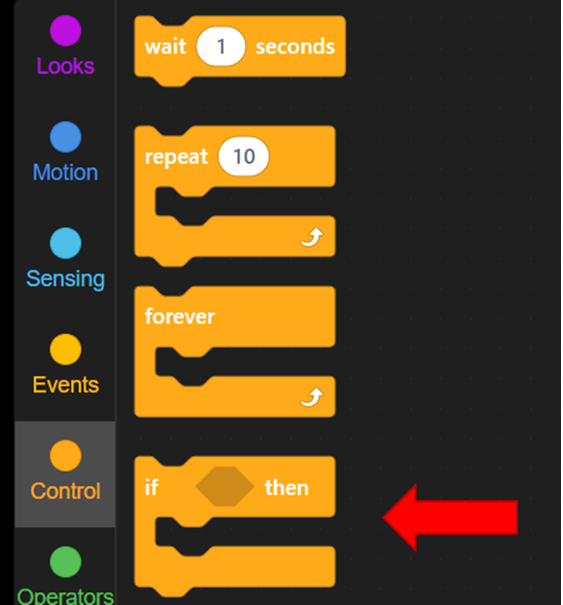


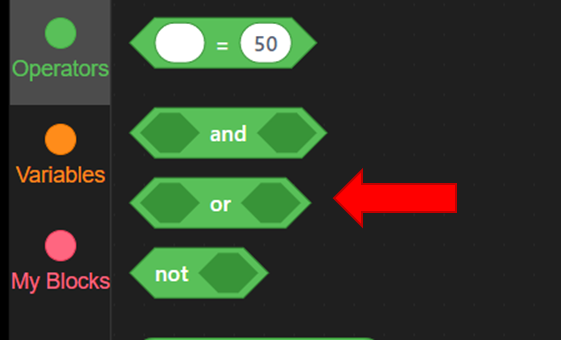
Part 1B: Making the bot detect objects and rotate to avoid them



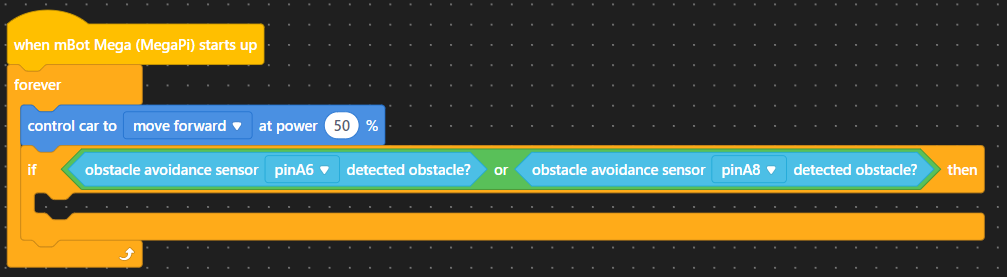
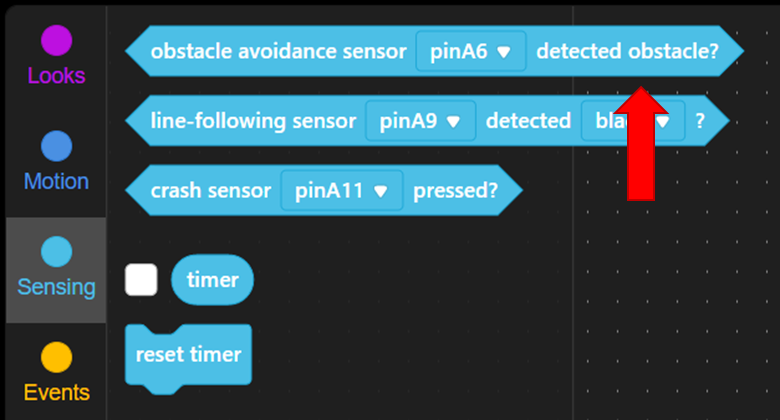


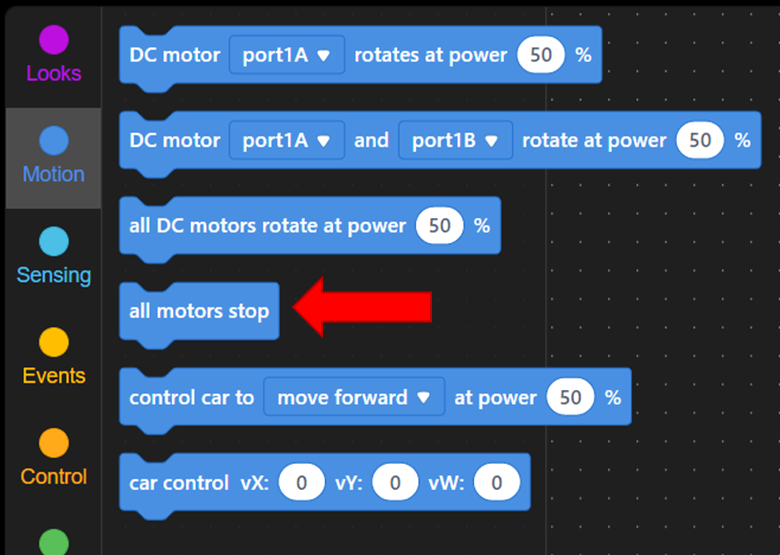


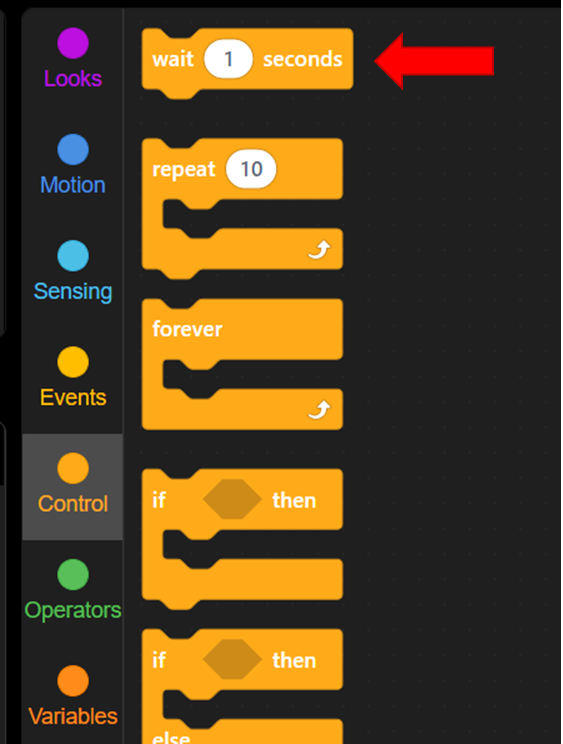


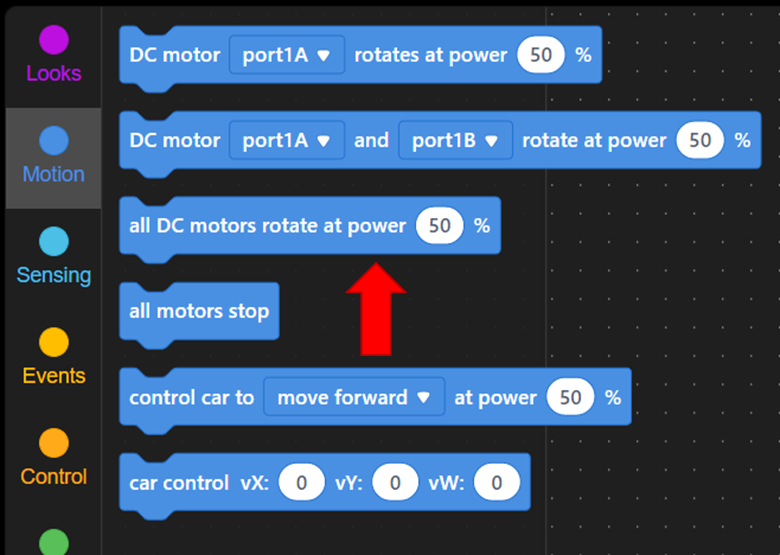


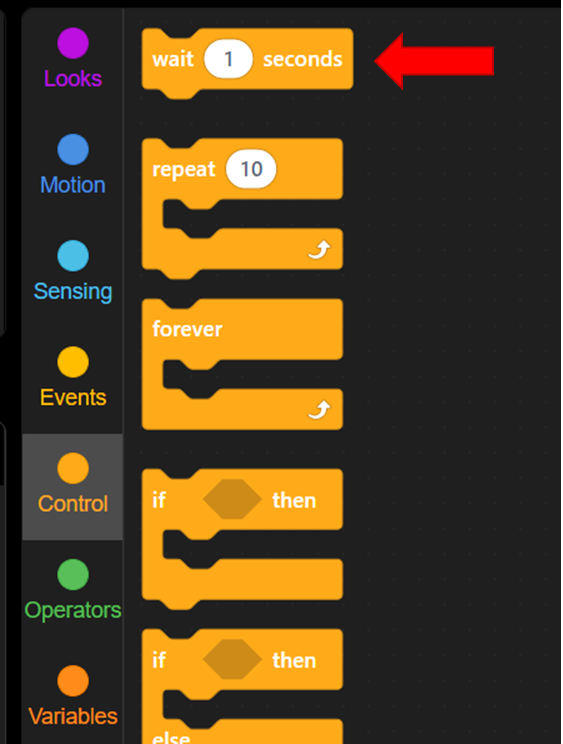
Grab two of the sensors block, and set them both to pin A6 and pin A8

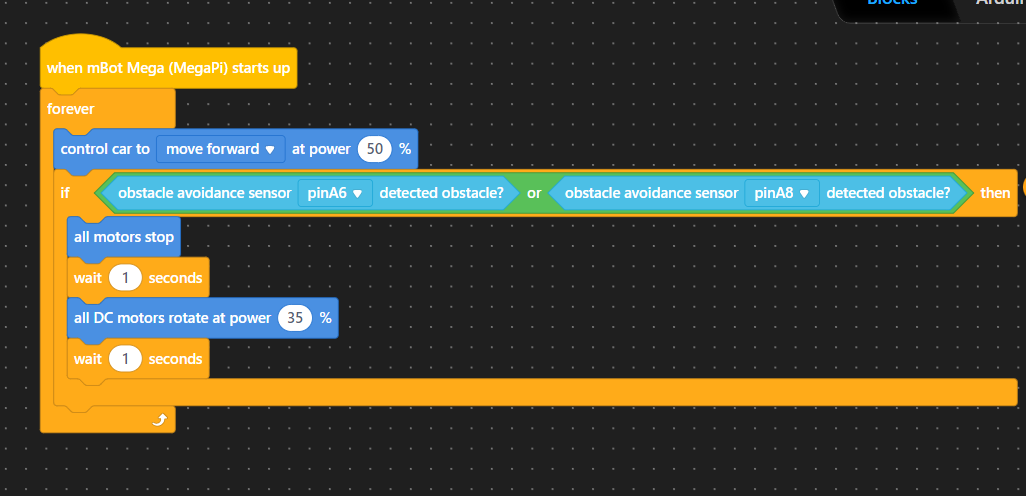




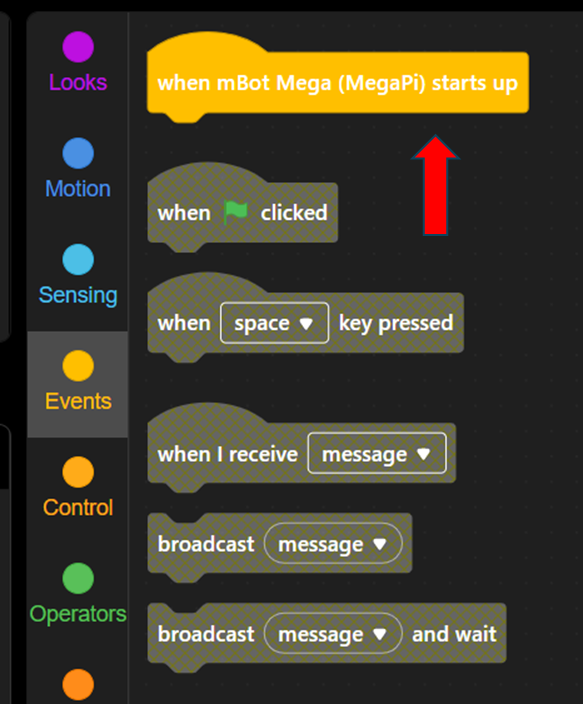


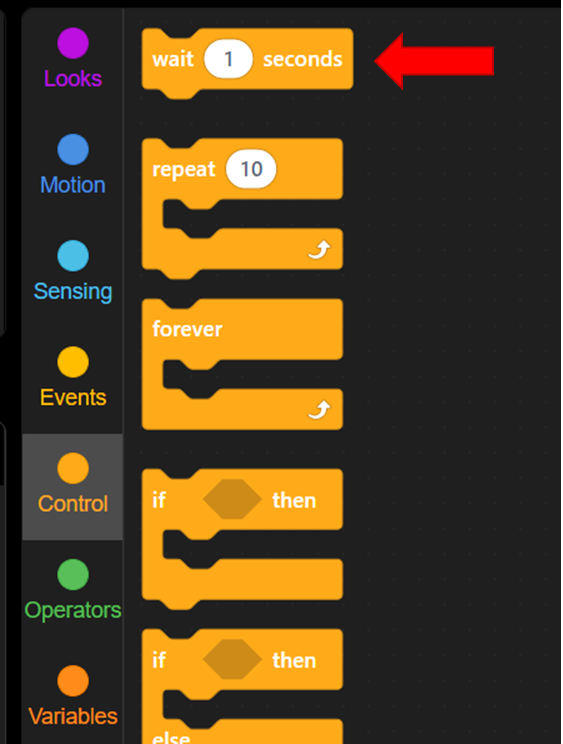


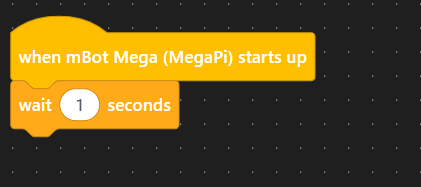


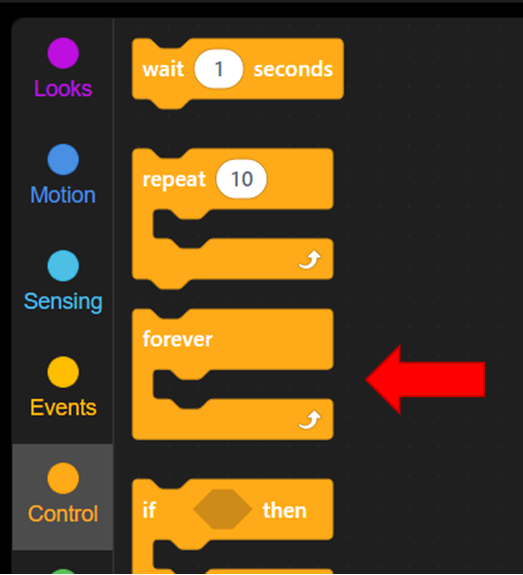


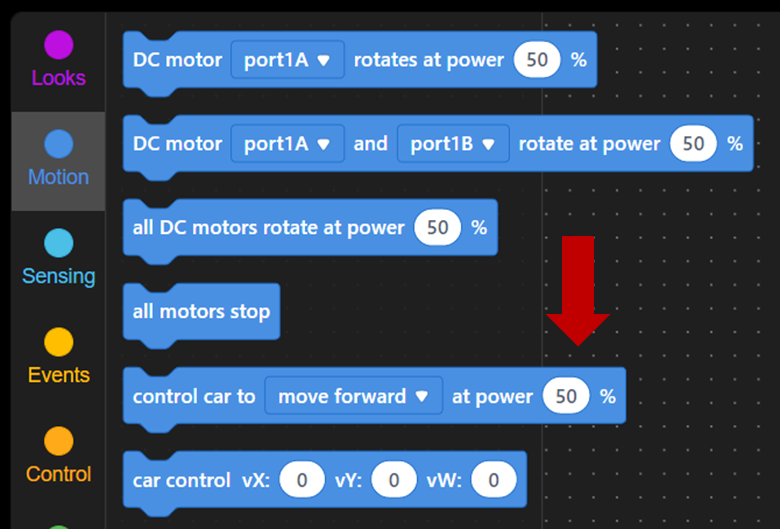
Part 2: The Crash Detection code

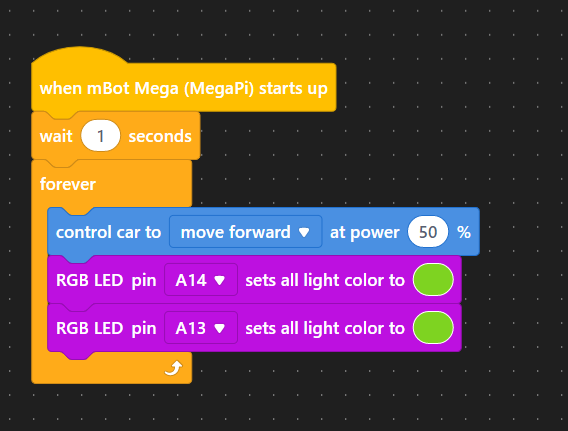
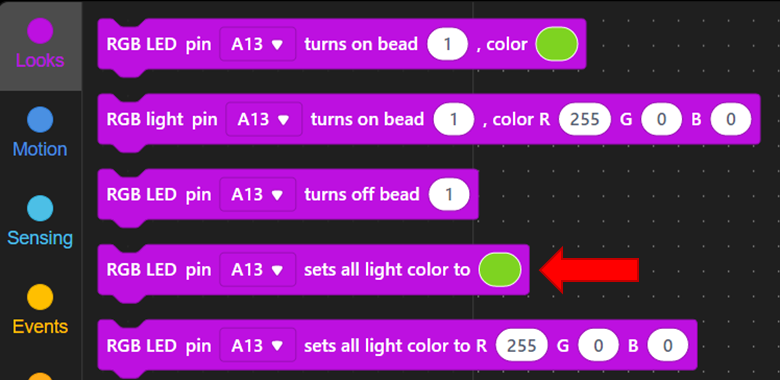


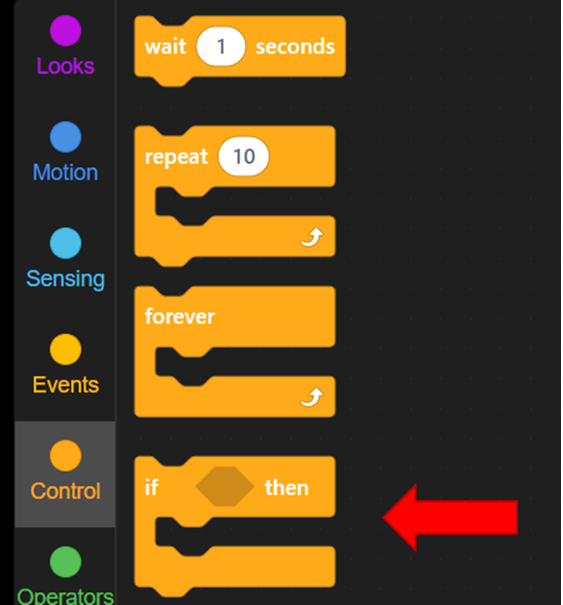


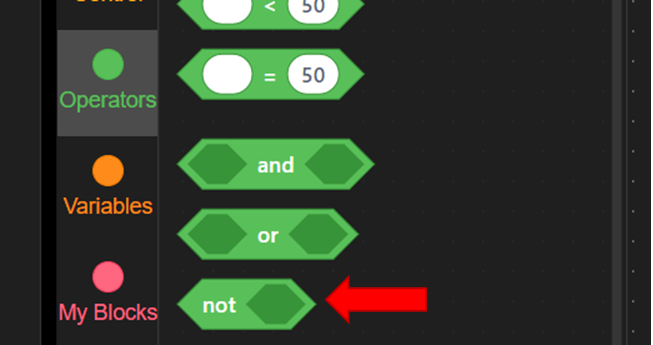


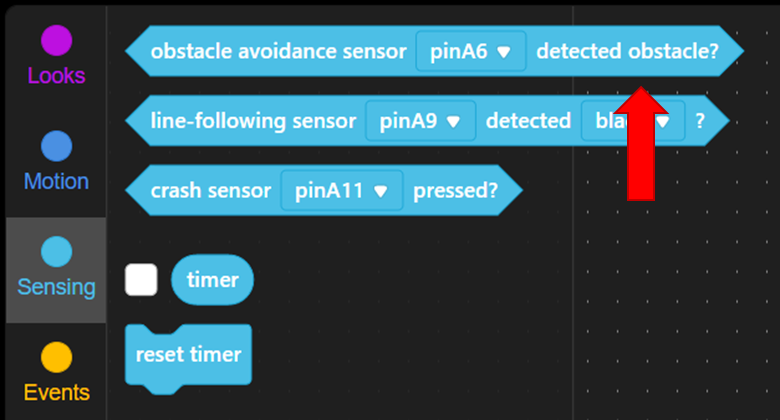


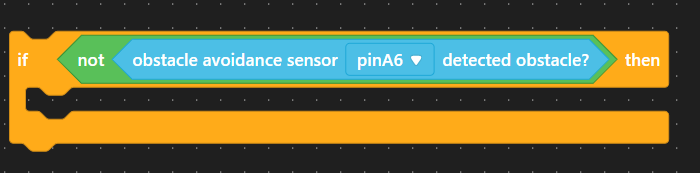


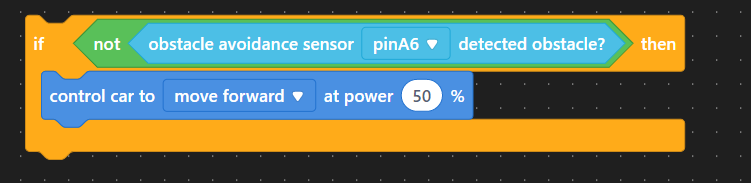
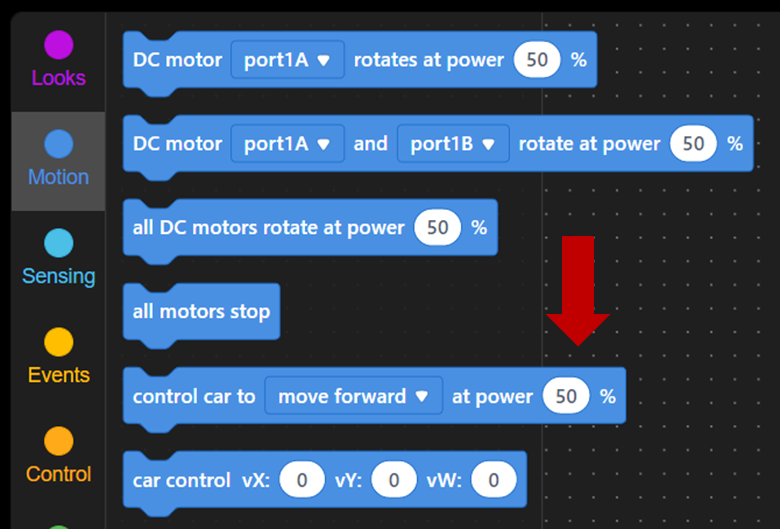


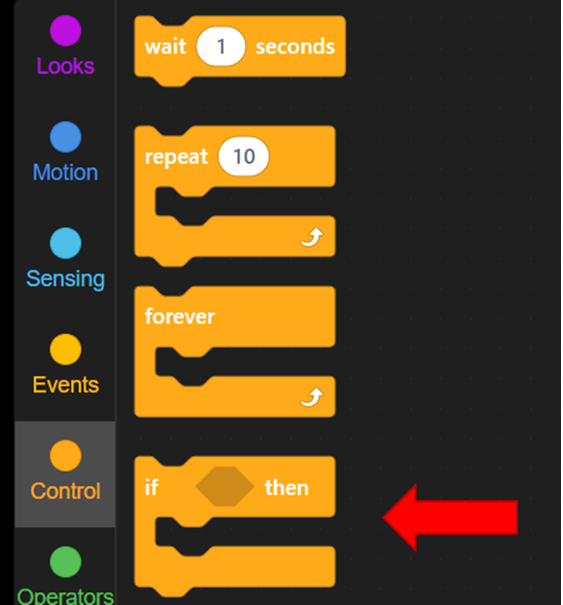


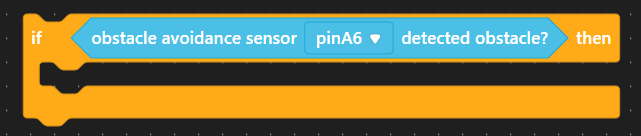
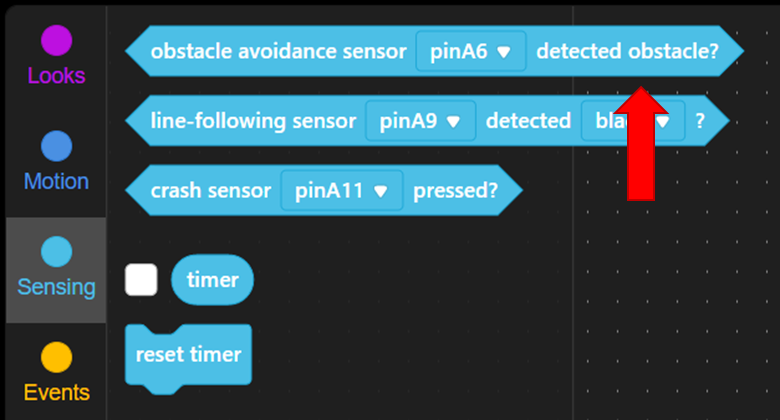


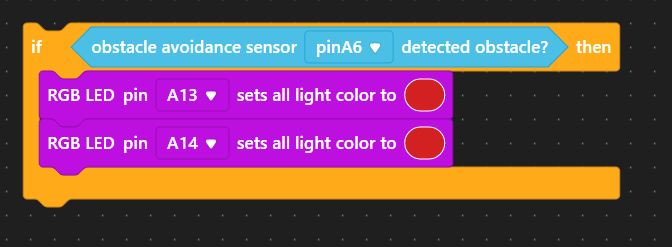
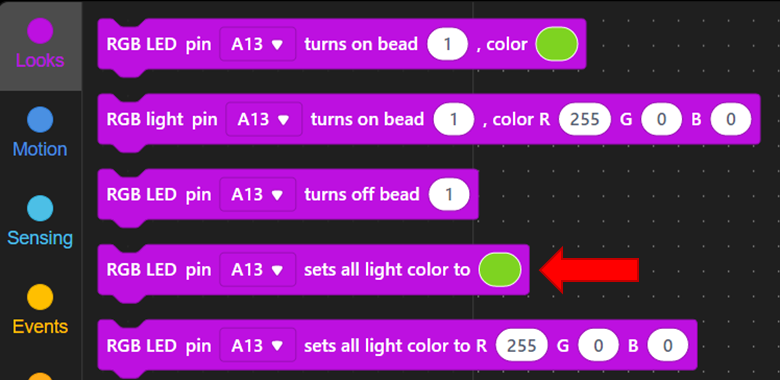


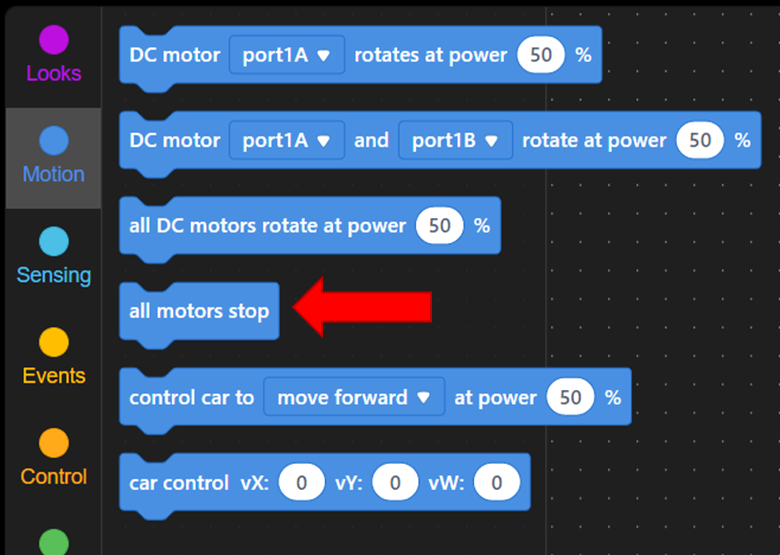


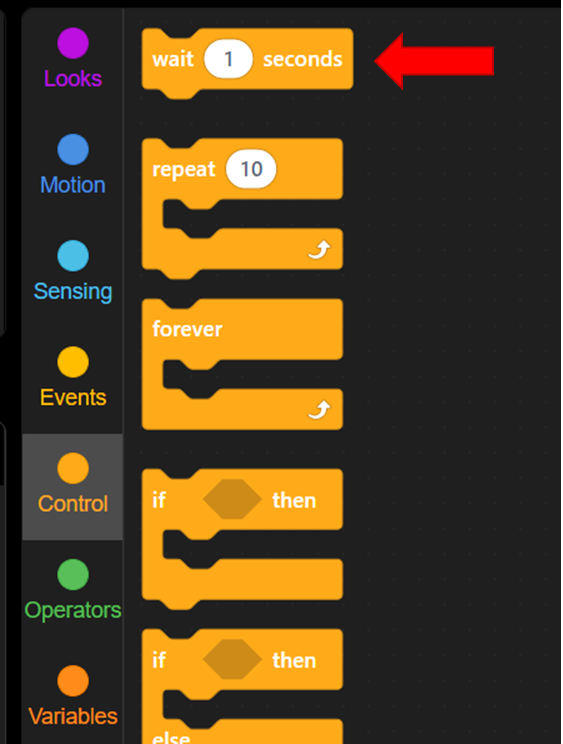


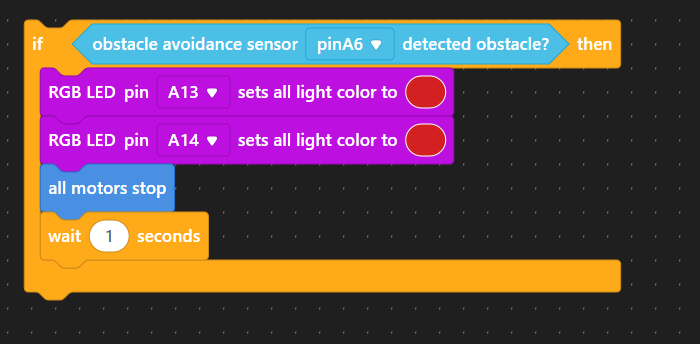


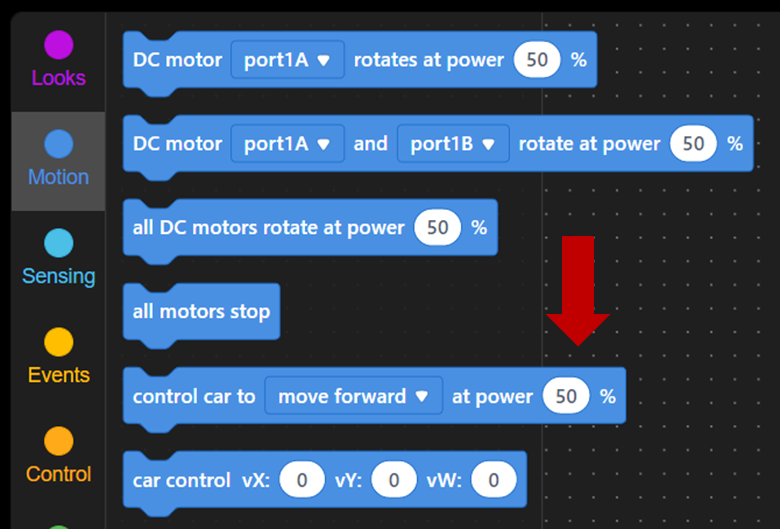


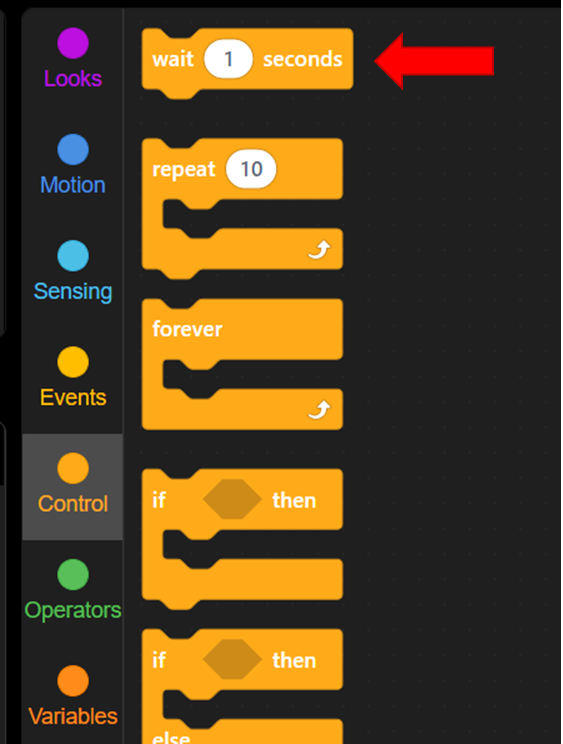


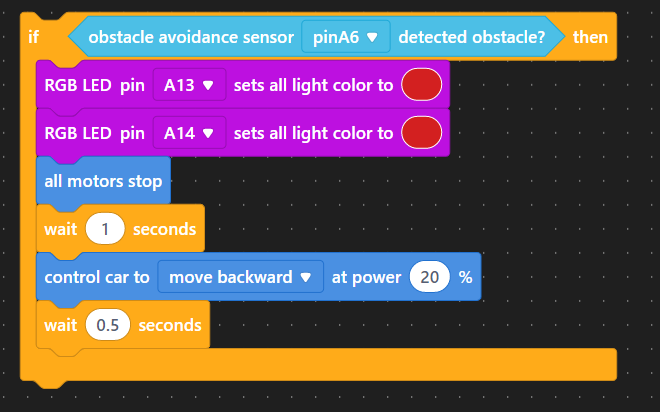


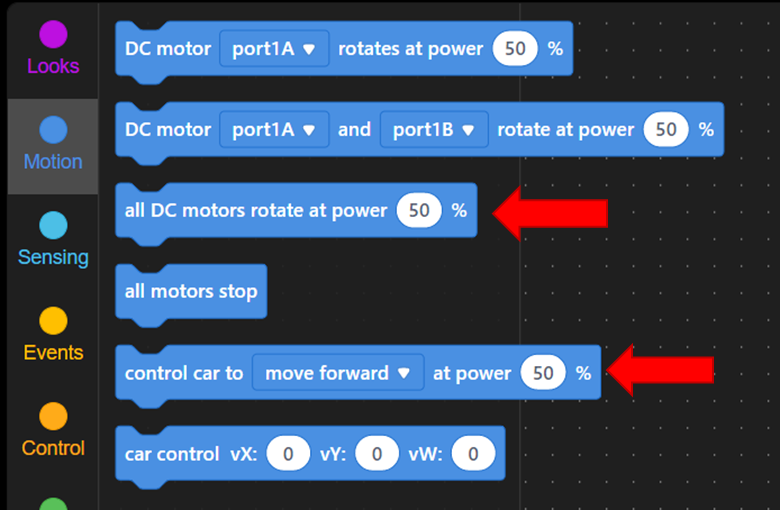


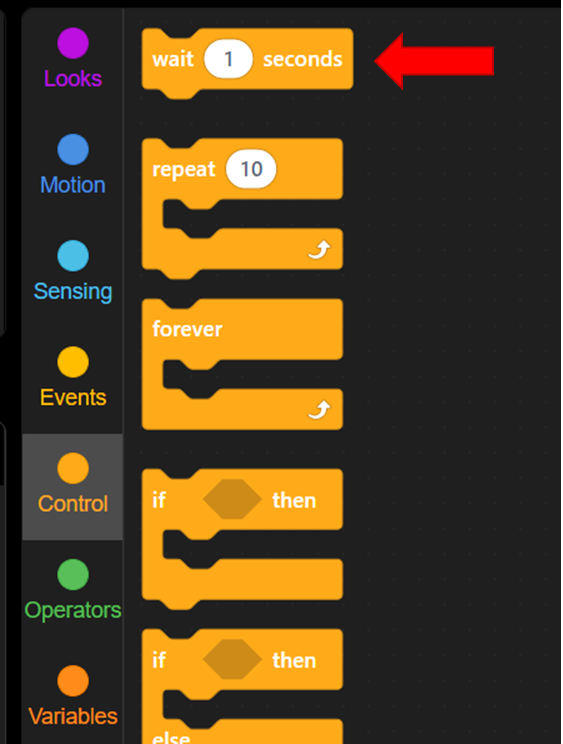


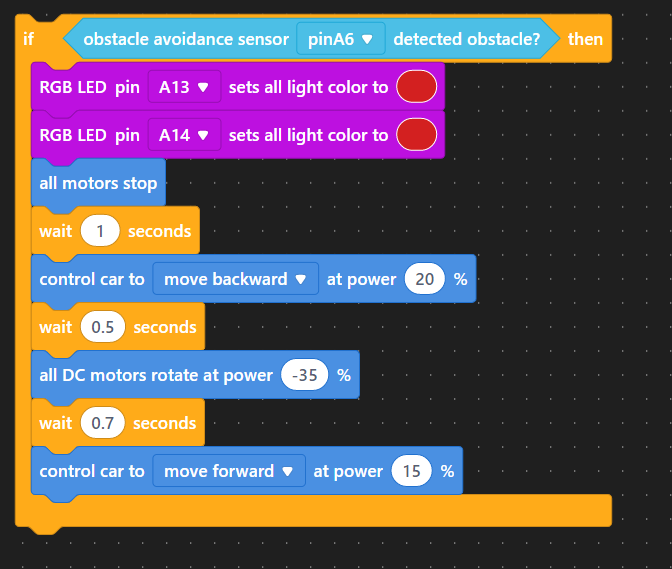




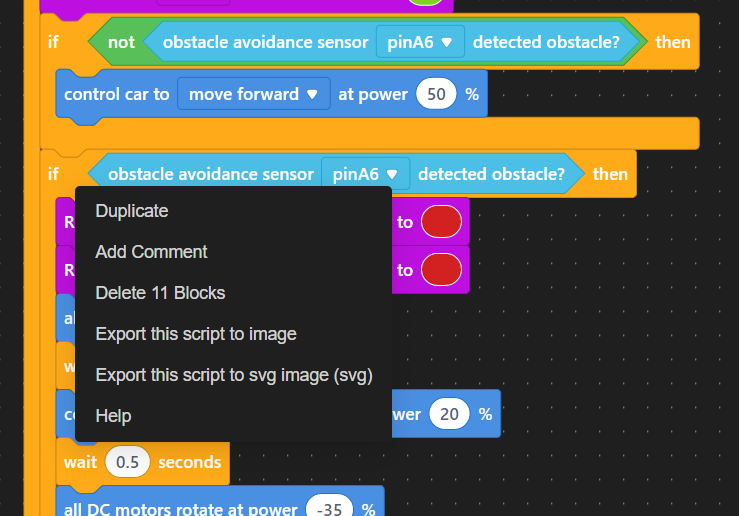


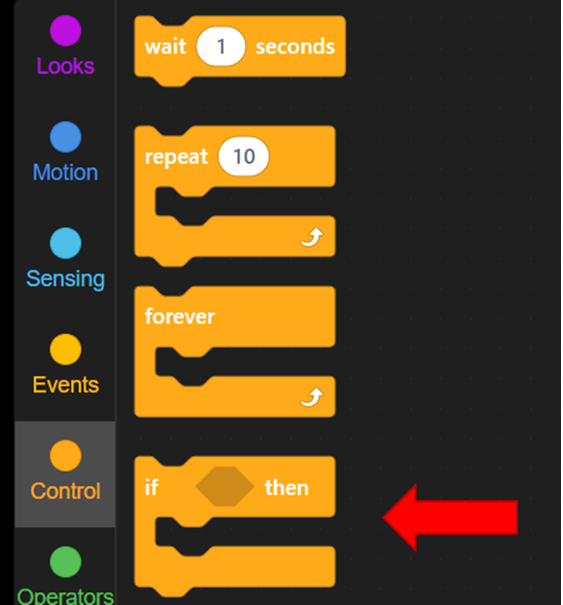


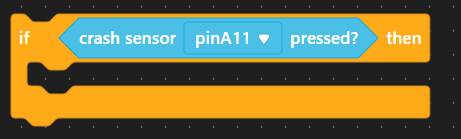
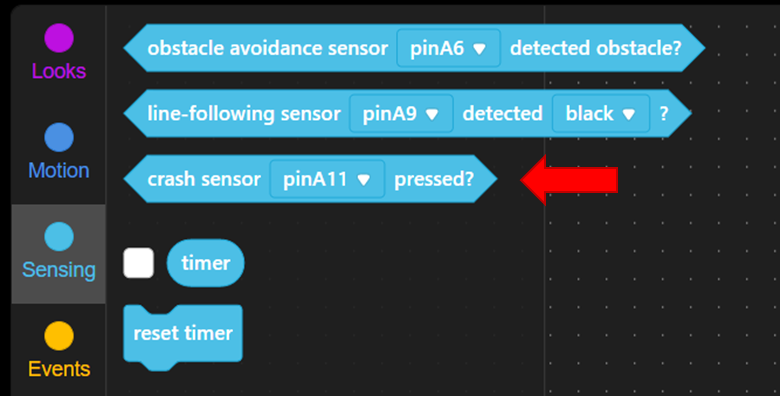


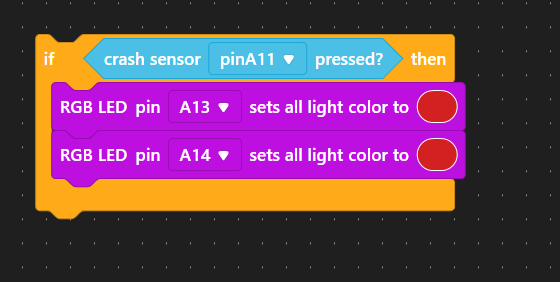
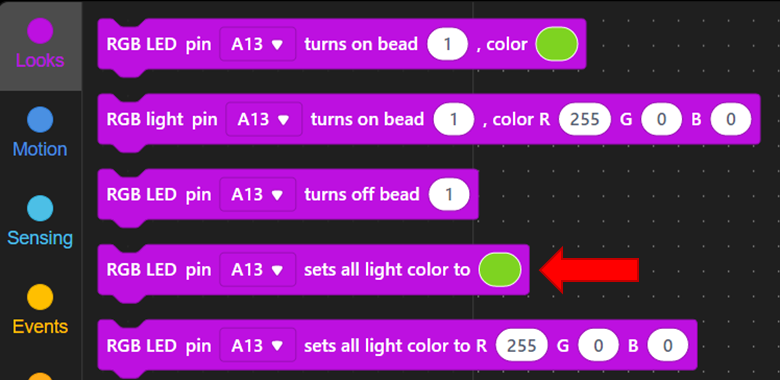


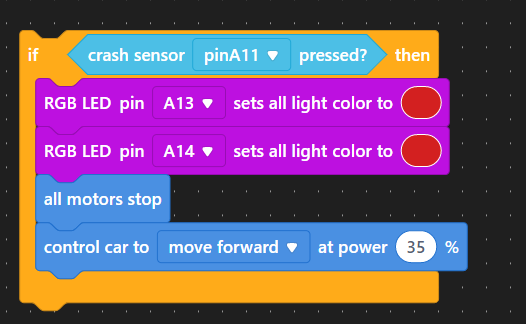
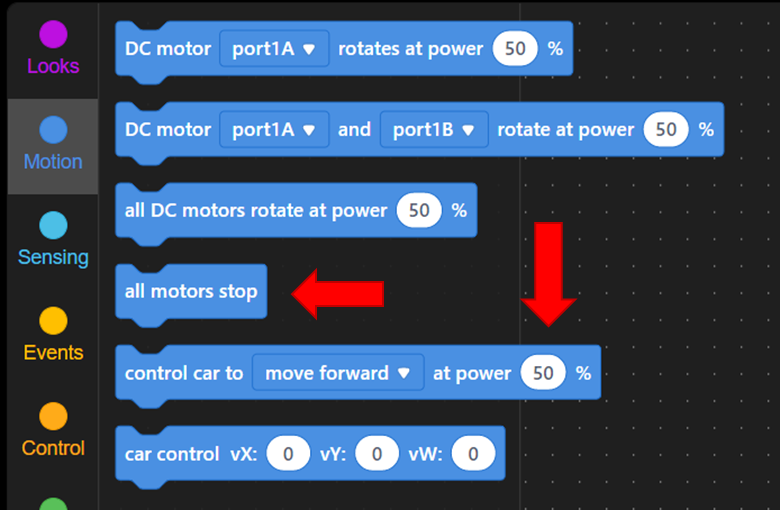
Duplicate both the if statements and change it to pinA8 by clicking right click and place it under the previously created if statements

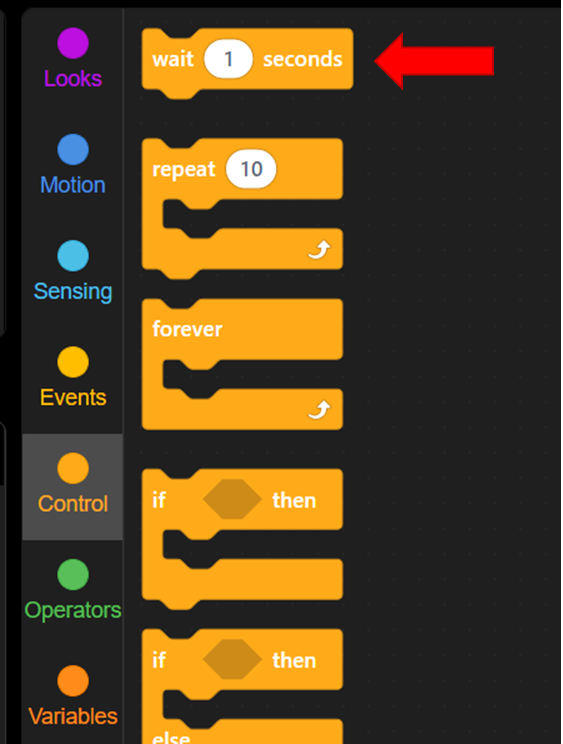


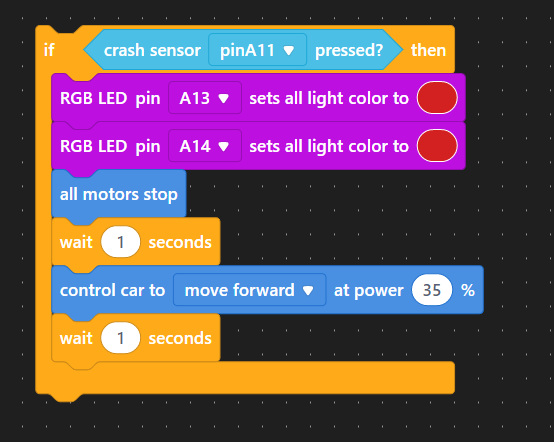




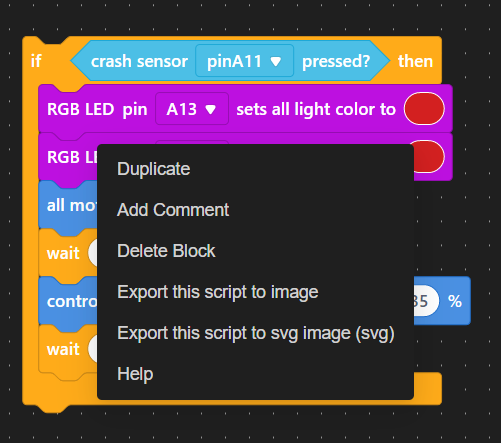








Duplicate it again by clicking right click. Set it for pinA12



Duplicate the two first if statements we created by clicking right click and dragging them to the bottom

