//function to read and check for wall ultrasonic values I think this includes in main code

//also encoder read continuosly, and sensor sense continuously

//function to move forward

//function to move left

//function right

//motor stop

So the motor starts straight encoder starts counting

Once encoder reaches 126 motor stops encoder 0

Reads ultrasonic signals and detects a free path

Motor turns or continues straight

Once turned exact 90 degrees check with encoder and then bring encoder back to 0;

Only when turning, new encoder up and 0 and then stop.

Go straight is same for both commands and the encoder continues start and increment and bring to 0.

Now again the motor starts moving straight, encoder counts, once it reaches the next box, encoder again 0. Repeat…..

Now once the motor reaches a new box, it increments the array position. Checks for walls, finds the smallest neighbour and