






Case 1:
The box size is 30x30 cm².
The ultrasonic sensor will measure the remaning distance which is around 10cm, then the Ardiuno will rotate the motor to the left, to deliver the box to its place.

	The automated distribution arm (assume its width around 40cm)
	The ultrasonic sensor (for measuring the remainig distance in the arm)
	The rotated edge represented as LED in circuit (to provide time for exact calculation)
	The motor (to direct the box to its right place)
	The that we want to direct