A1.06.02.- Activity Card

Workshop Title	A1.06.02. Robot Programming
Level	A1
Duration	3 hours
Goals	Creating a robot that moves without colliding with obstacles using an ultrasonic sensor.
Workshop Outputs	1- Learning the working principles of general sensors and ultrasonic sensors. 2- Creating applications for various purposes using an ultrasonic sensor.
Required Materials	1- Computer
	2-Lego Mindstorms Ev3 Robot Kit
Description of Activity	In the EV3 program, the usage of the ultrasonic sensor in the sensor tab, and the use of wait and loop blocks in the flow control tab are learned and exemplified.
Additional Documents	A1.06.02.pdf