

MBots Quick Programming Guide

Yay! Super excited that you wanted to program your MBot some more. Here are some extra resources to get you started!

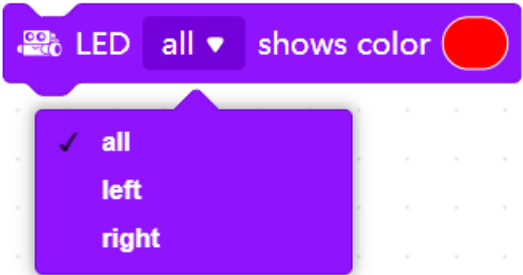
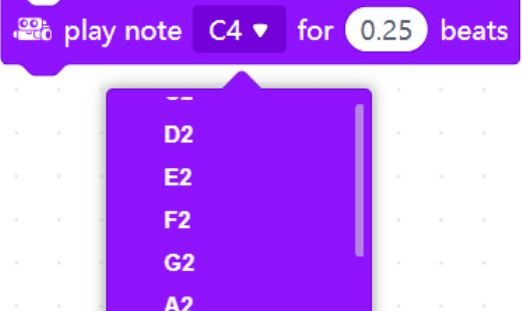
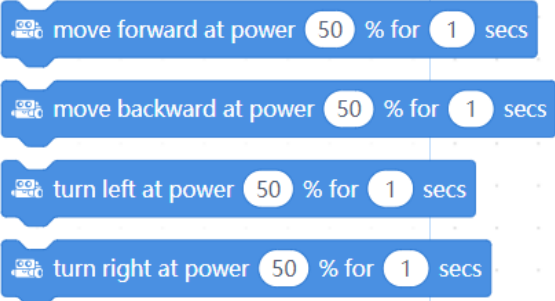
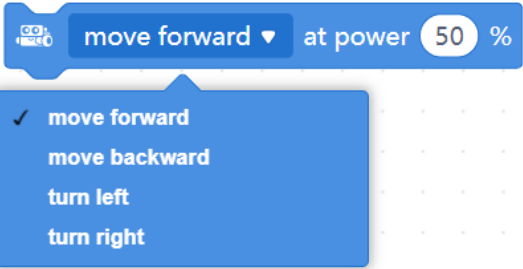
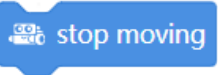
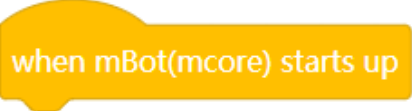
Additional Guides and Inspo!

[Programming your MBot to Dance!](#)

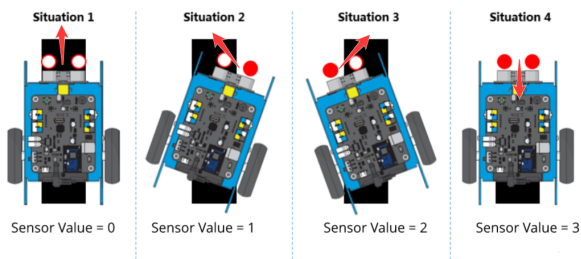
[Getting your MBot to Line Follow \(Advanced\)](#)

[Upload Blocks to Robots Guide](#)

Important Blocks

 SHOW: tell LED(s) to show a specified color	 SHOW: play a specified note for some time
 ACTION	 ACTION
 ACTION	 EVENTS

line follower sensor port2 ▼ value

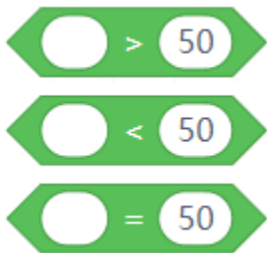


ultrasonic sensor port3 ▼ distance(cm)

SENSING: represents the distance from the closest obstacle in front

light sensor on-board ▼ light intensity

SENSING: represents the value of the brightness of the light on the MBot. The darker it is, the lower this value



OPERATORS

wait 1 seconds

repeat 10

forever

if then

if then

else

wait until

repeat until

CONTROL