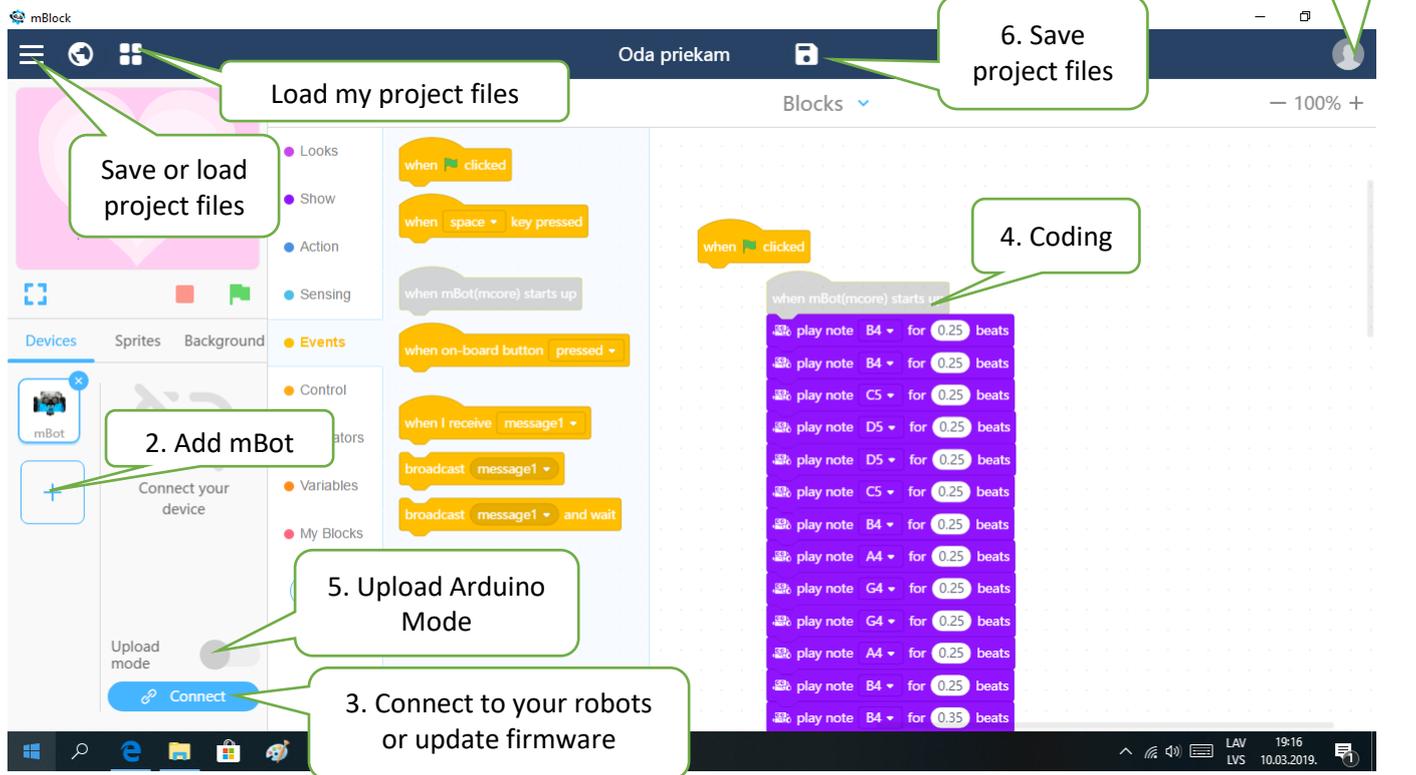


A tour around mBlock 5 on to Laptop or PC

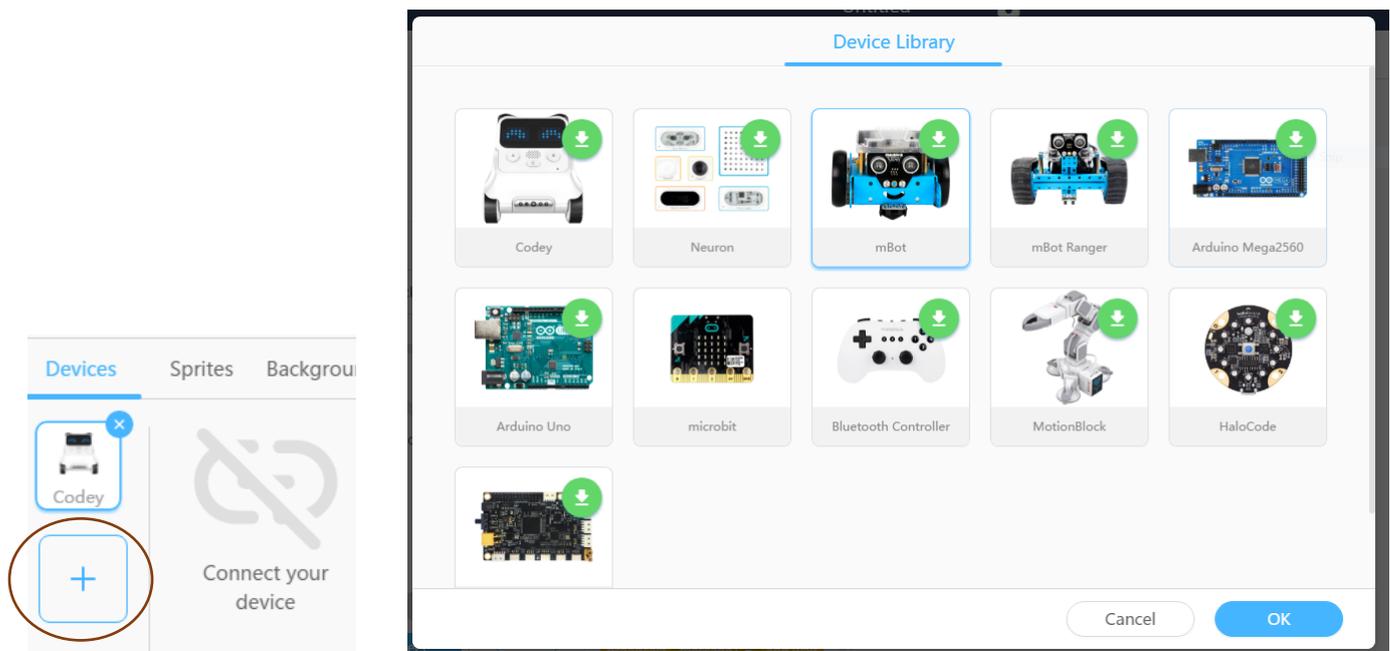
Open mBlock 5 and you'll see the following interface. Feel free to experiment around.



Connect Your Robot

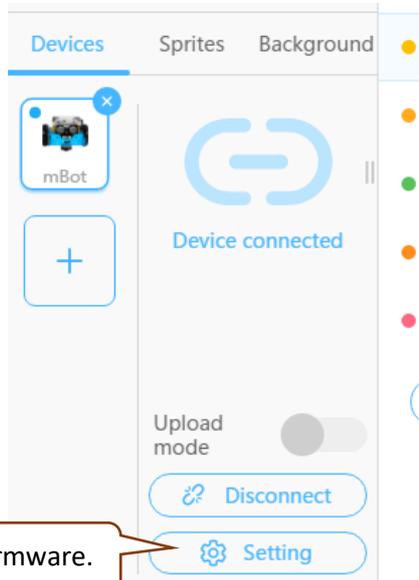
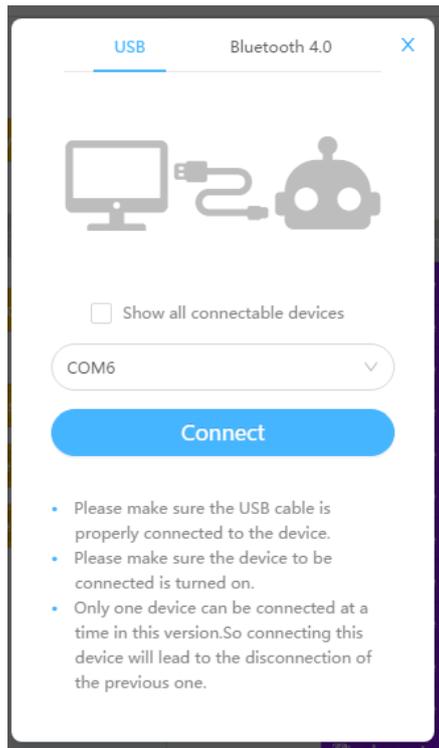
The primary reason of using mBlock 5 is its power to control and program robots.

Add mBot.

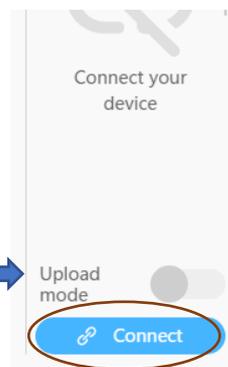
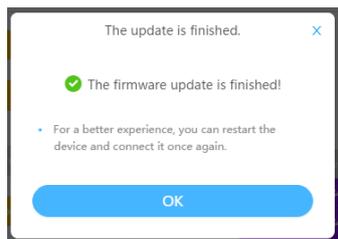
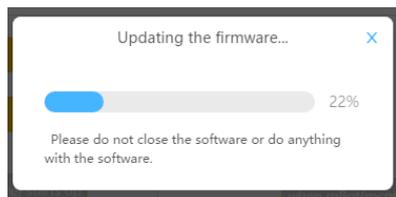
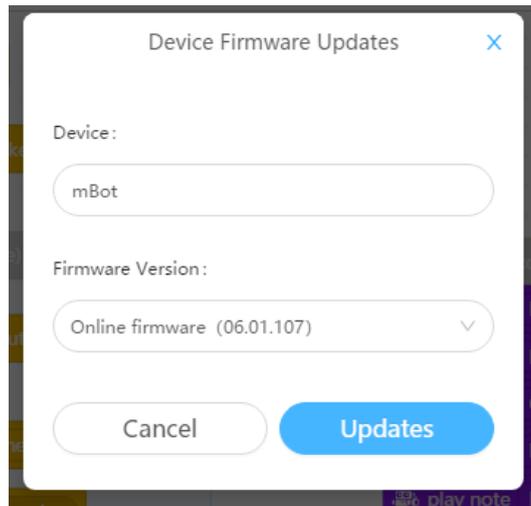
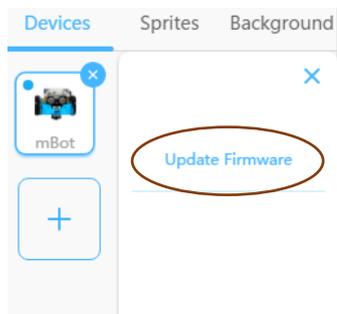


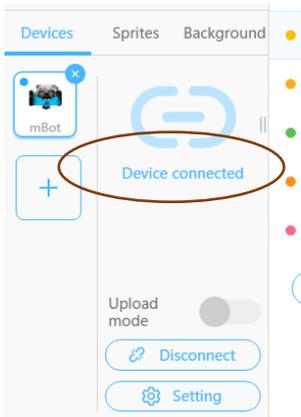
Connect through the USB cable

Select Connect and again Connect!



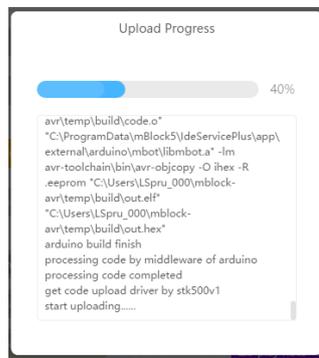
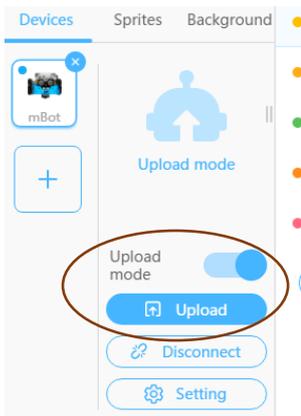
Update firmware.





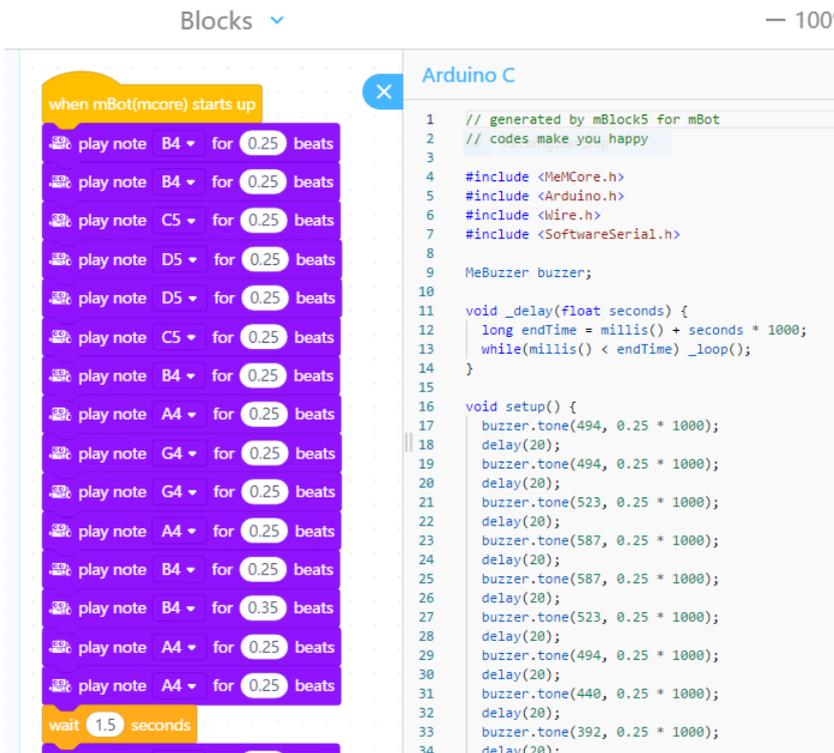
- Arduino Mode

In Arduino Mode, the program is **uploaded into the robot** and the robot is **run on its own**.



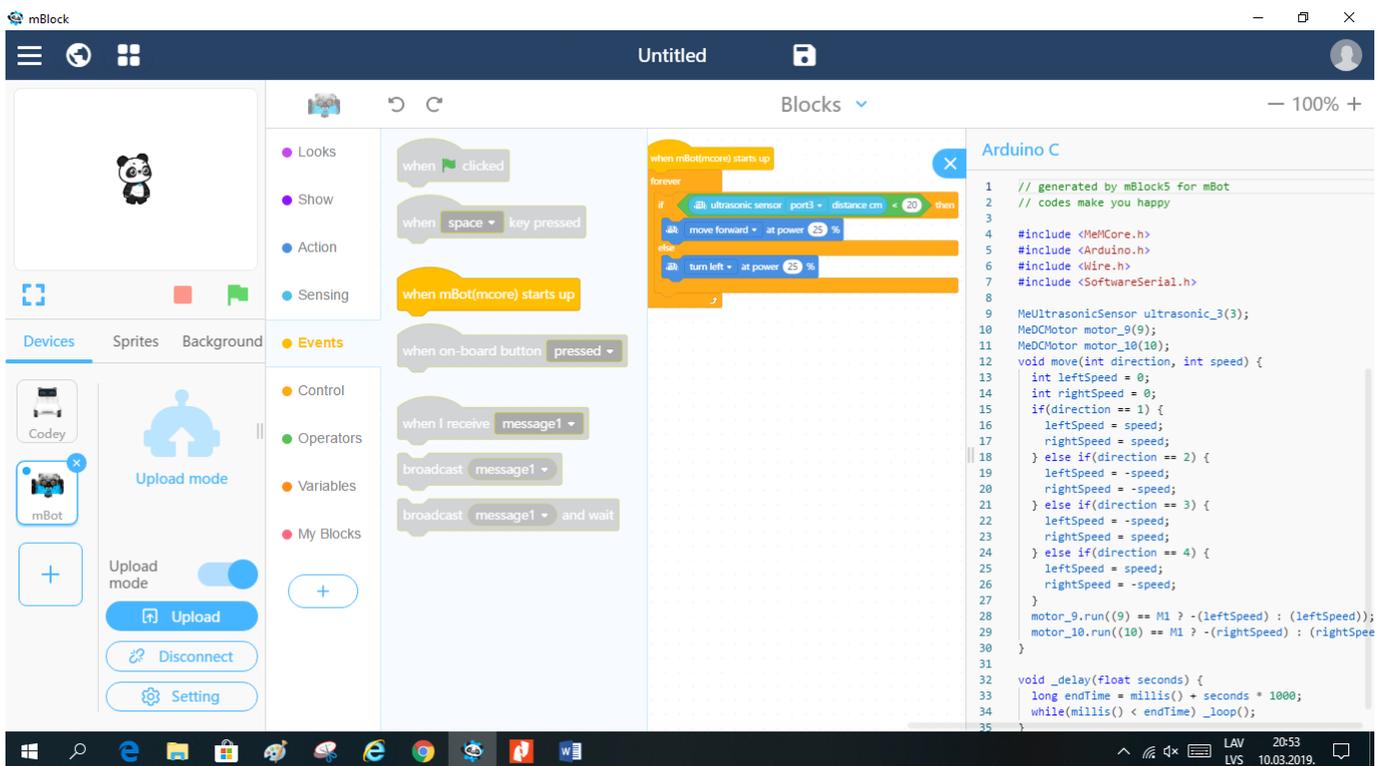
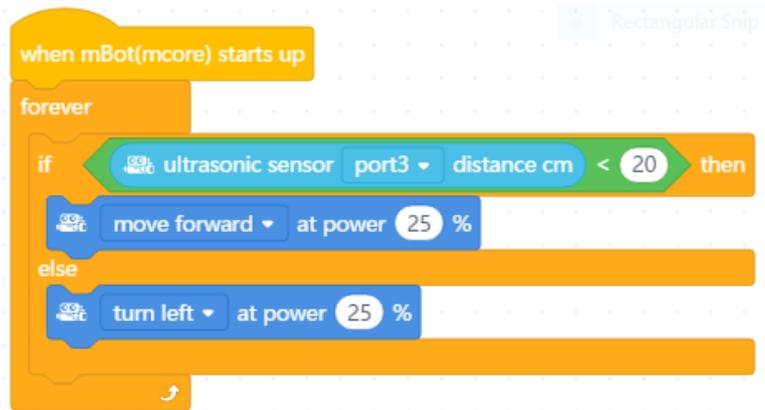
“Upgrade Firmware”

“Upgrade Firmware” will allow you control the Arduino board from mBlock in the Scratch Mode. In the Scratch Mode, your Arduino board can interact with actors in the screen. The firmware will be overwritten every time you write a new program to Arduino, you need to “Upgrade Firmware” every time you come back from using the “Arduino Mode”.



Not every block can be run in the Arduino Mode!

Now let's try program. Place blocks as shown below: The green block is from the "Operators" shelf.



Now unplug the USB cable, put the mBot on the ground, you'll find it keeps running forward and turns left when there is obstacles ahead!

Reset Default Program?

You will find that mBot now does not respond to your command from the Makeblock App or the Scratch Mode in the mBlock 5. This is because the default program used to talk with these apps is overwritten by the obstacle-avoiding program you uploaded. You'll need to update firmware or "reset default program" to let it work again with the Scratch Mode or other Apps.

A tour around mBlock 5 on to PC or Laptop webpage mBlock 5

<https://ide.makeblock.com/> in browser Google Chrome.

Before turn on the mblock web device driver **mLink** from the start menu!

