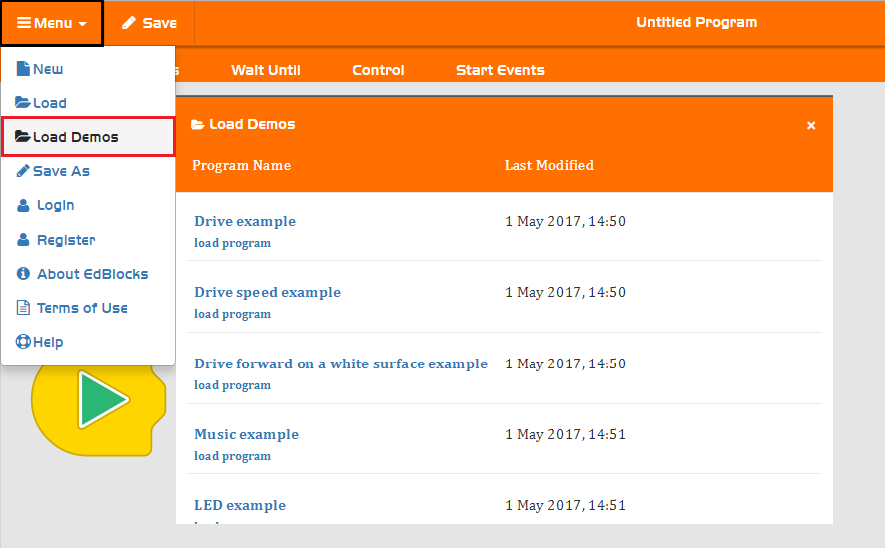
Edison Robot and Edublocks

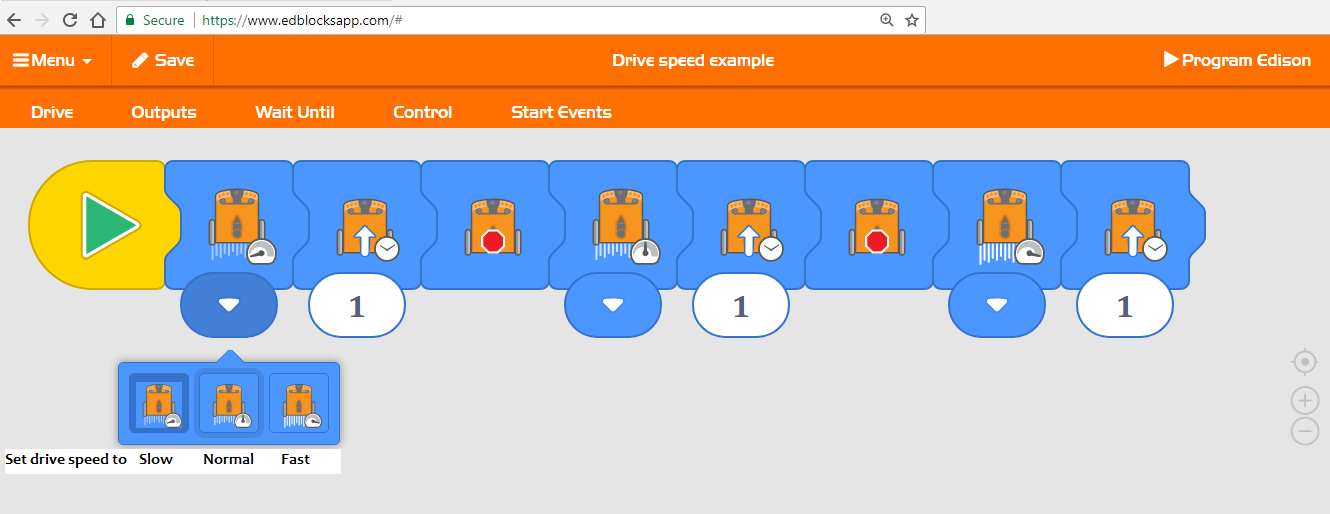
1. Go to: <https://www.edblocksapp.com/>

2. Watch the short video:

3. Load Demos & explore the coding blocks



Demo - Drive Speed Example

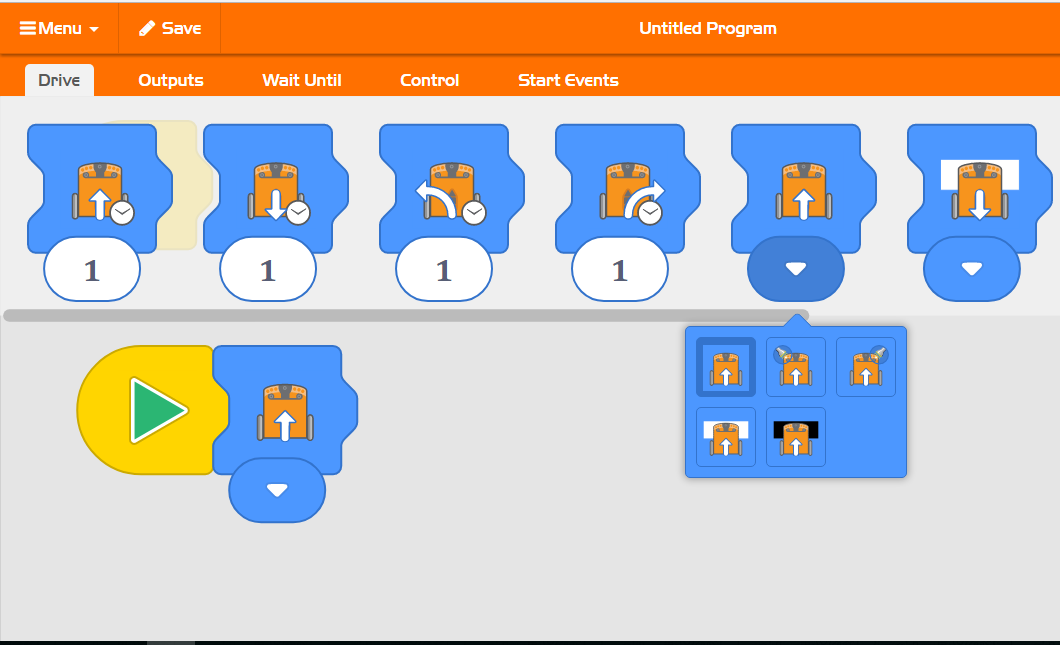
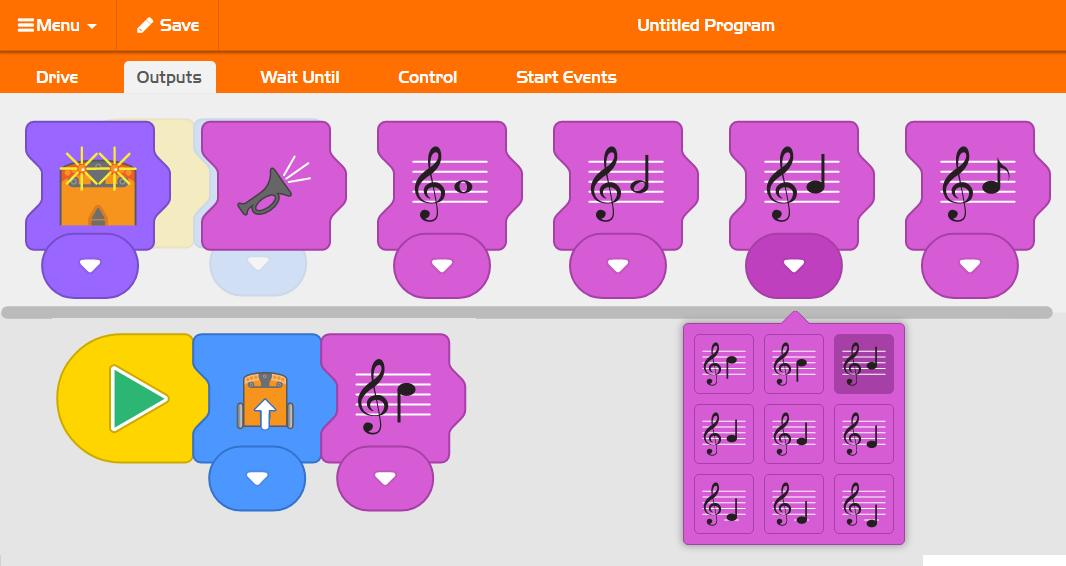


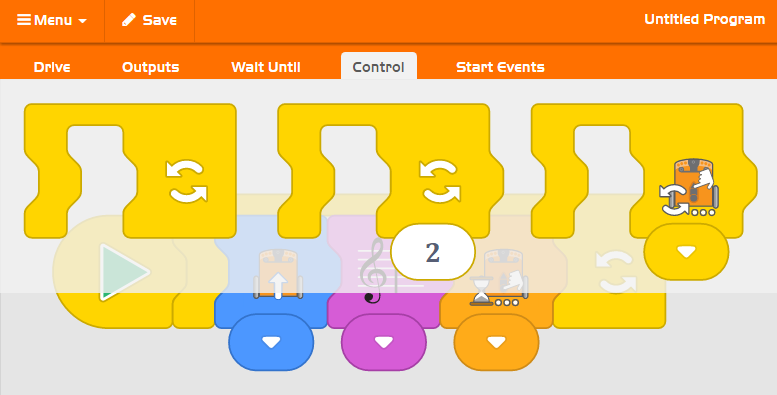
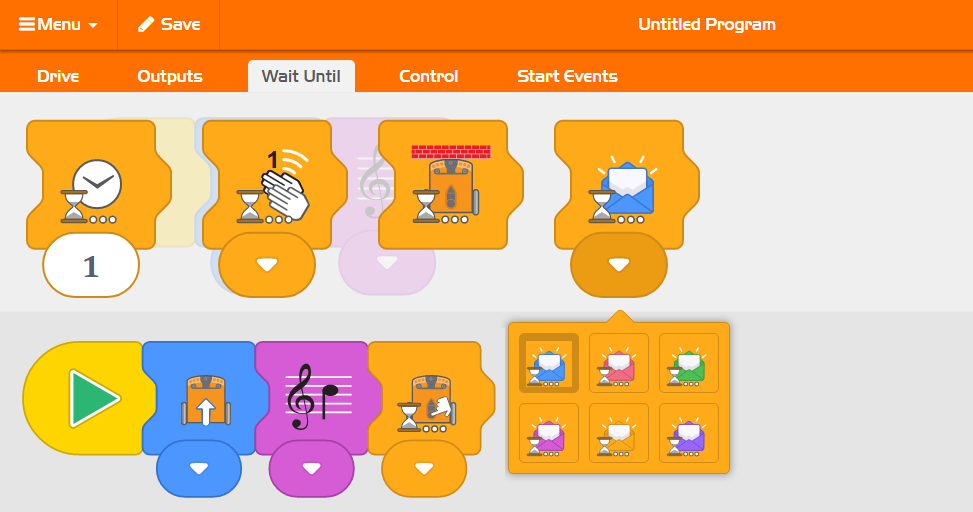
Want to try one of the Demo coding examples?

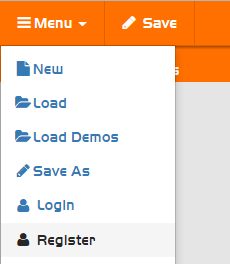
Follow the UPLOAD instructions sheet.

**Get Creative and Build Your Own Edison Program**

**Drag & Drop from the Menus**

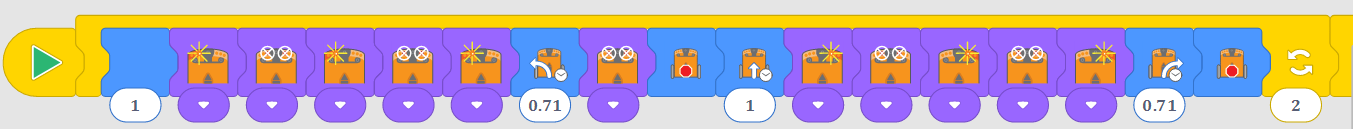
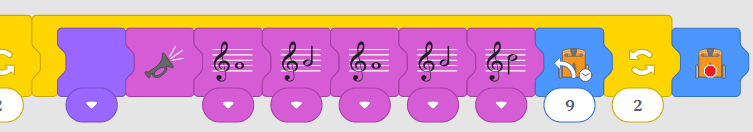
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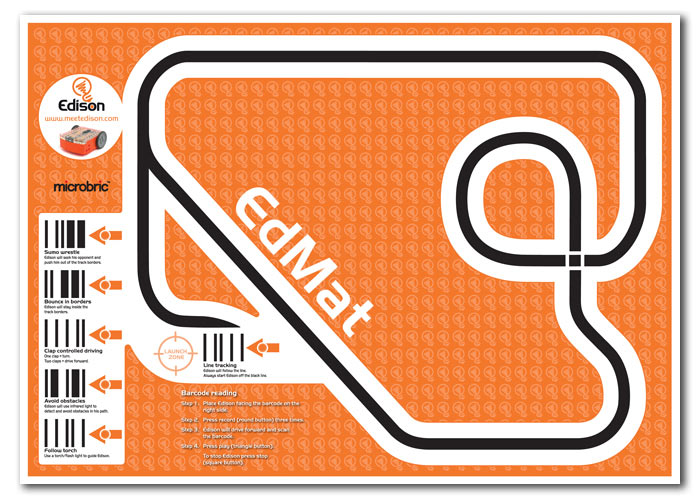
**To SAVE your project you will need to REGISTER**

**Try Another Demo**

**Procedures:** Drive forward, put on left blinker, turn left, stop, drive forward, put on right blinker, drive right x 2, stop, play tune , turn in circles to the left x 2, stop

**cont.**

**Why not experiment with Edison’s built-in programs using our Ed Mat**



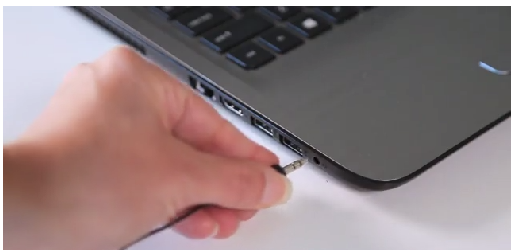
Using the EdMat Edison can:

* Follow the track
* Avoid the lines
* Sumo wrestle
* Clap controlled driving
* Avoid obstacles
* Follow torch light

See instructions on

the EdMat

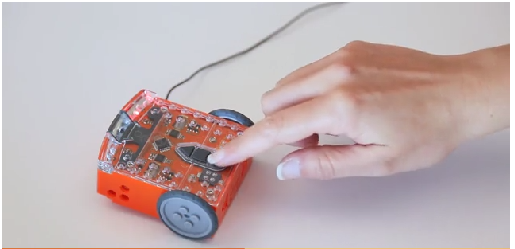
**Upload Your Program to Edison**



**1. Connect the EdCom cable to your PC**

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**2. Connect the EdCom cable to your Edison**

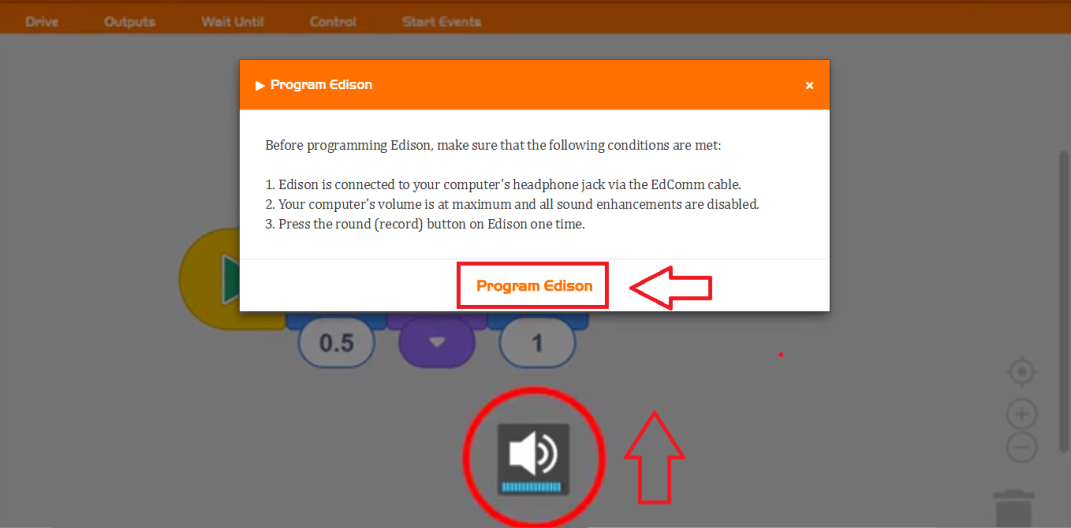


**3. Press the round Record Button on Edison**

**Both lights will be on. Not flashing**

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**4. Click Program Edison**



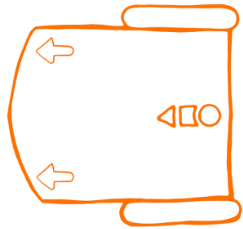
**5. Turn your Volume to 100%**

**&**

**click Program Edison**

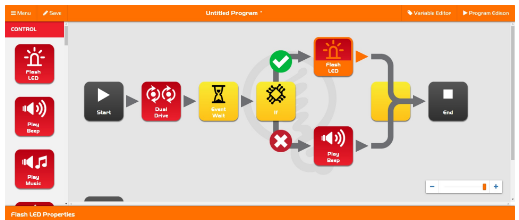
**6. Lights will go out on your Edison whilst the program is uploading.**

**Once uploaded the lights will flash alternatively**



**7. Unplug, place on floor and press the triangle button**

**Edison - Beyond the Basics**

 **Once the basics are mastered in Edblocks code, Edison can be coded using:**

- EdWare: a hybrid coding language that combines the

ease of drag-and-drop graphical icons with text-based entry

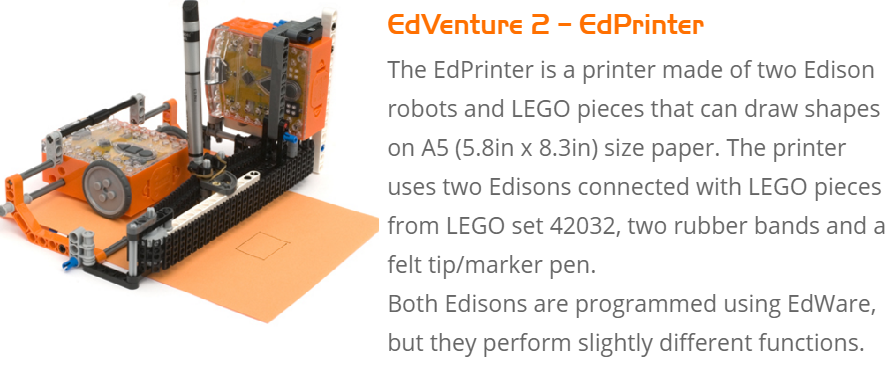
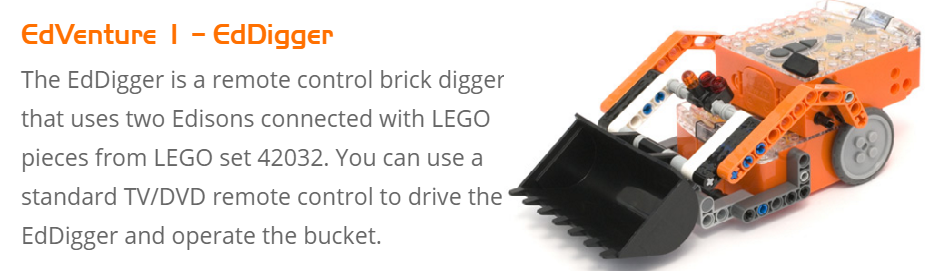
- EdPy: a highly versatile text-based

Ed.Drive(Ed.FORWARD, Ed.SPEED\_5, Ed.DISTANCE\_UNLIMITED)

#read obstacle detection state into a variable

programming language based on Python

**Build Projects with Lego**

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