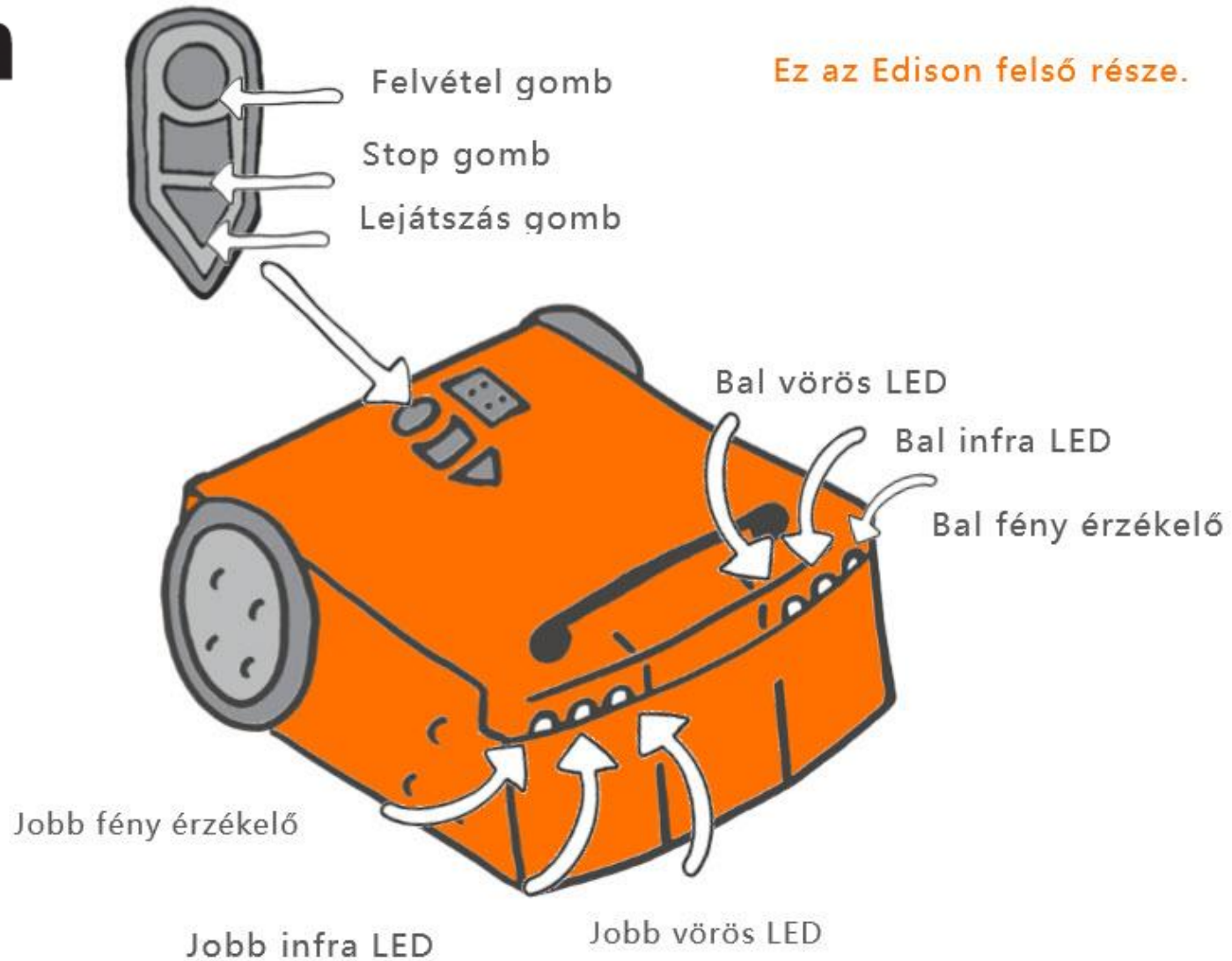
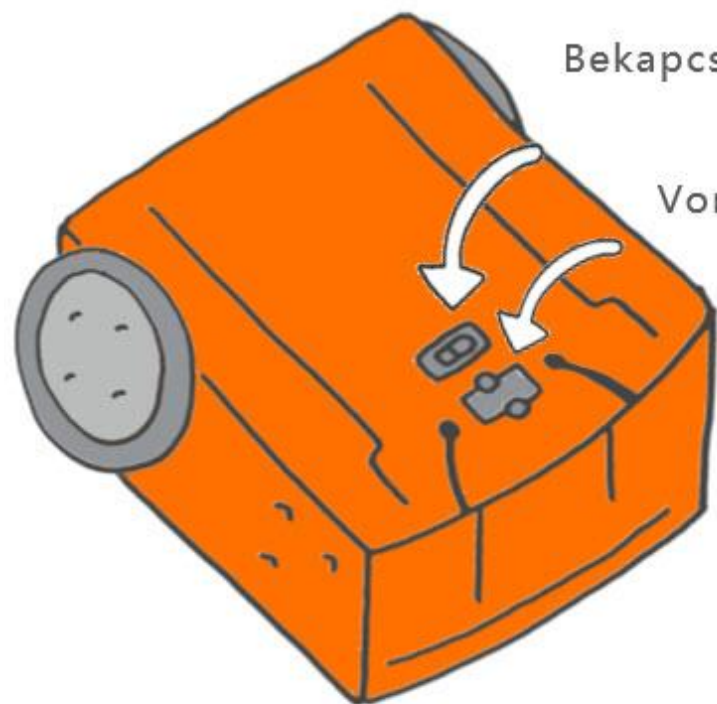


Edison robot



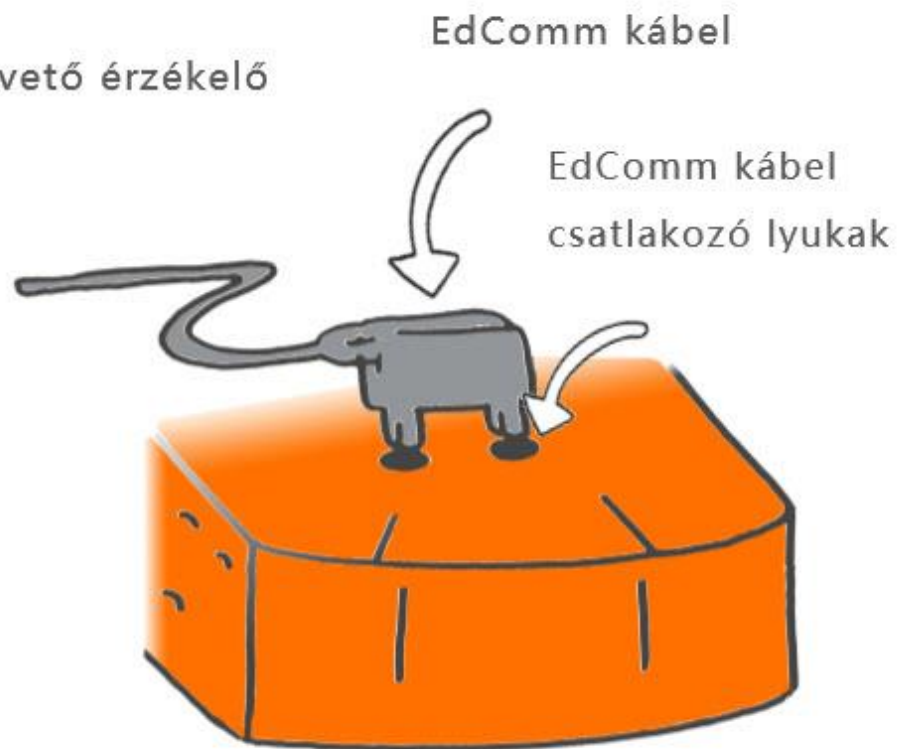


Ez az Edison alsó része.



Bekapcsoló gomb

Vonal követő érzékelő



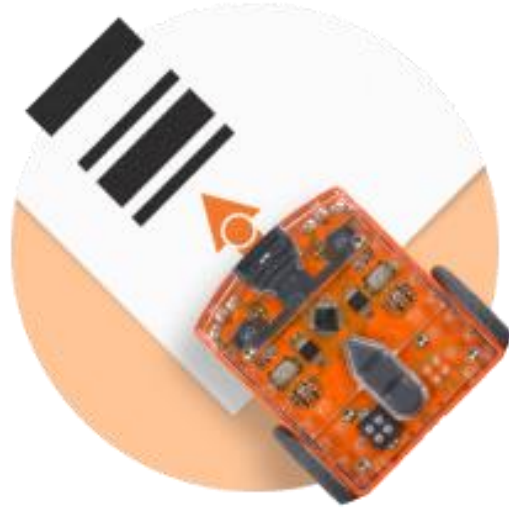
EdComm kábel

EdComm kábel
csatlakozó lyukak

Edison robot programjai

BLZS[©]

Vonalkódok



EdBlocks



EdScratch



EdPy



BLZS[©]

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Vonalkódok

BLZS[©]

Vonalkód által való programozás.
A vonalkódot beszkenneleli a robot
és végrehajtja az utasításokat.

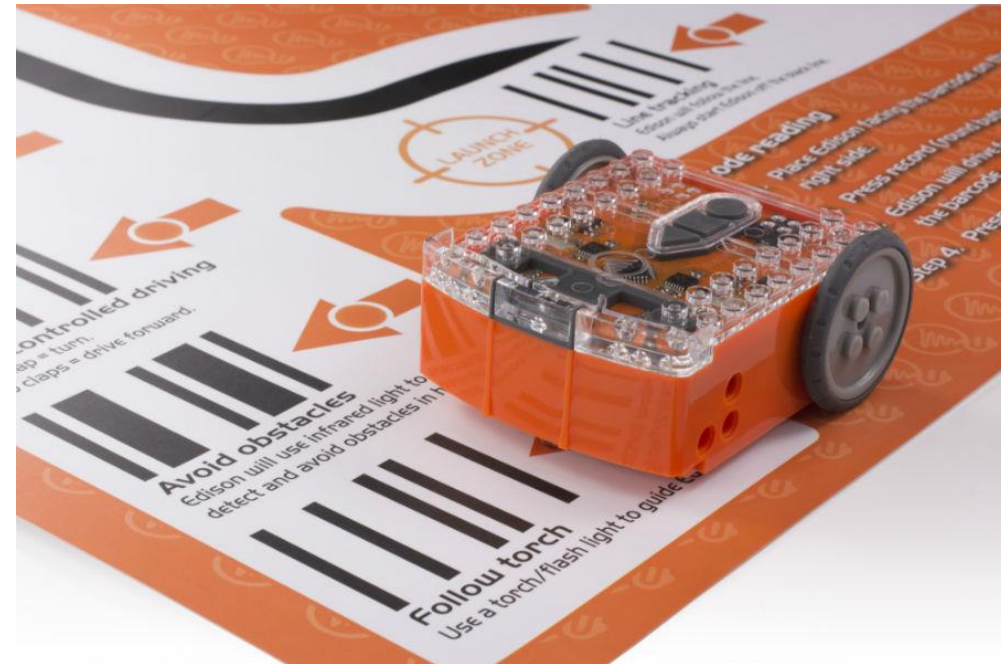
További infóért klikkelj az alábbi linkre:

<https://meet.edison.com/barcodes/>



www.baranyilaszlozolt.com

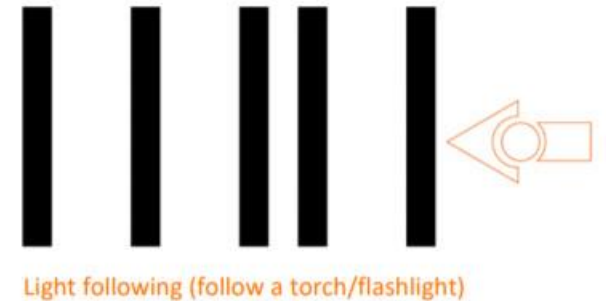
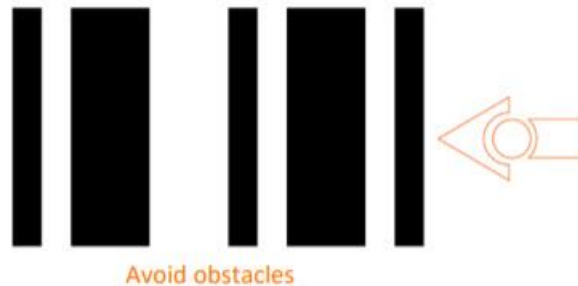
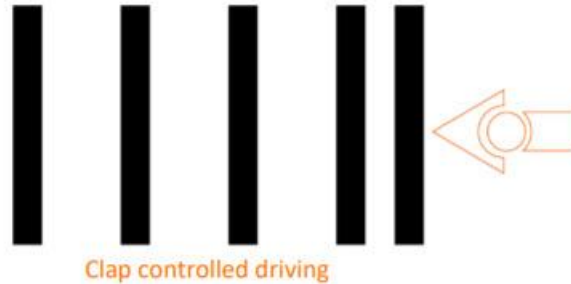
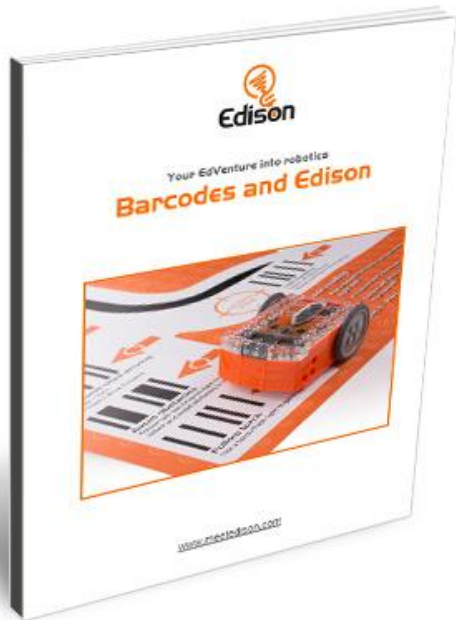
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Vonalkódok

A teljes vonalkód lista:

<https://meet Edison.com/content/Edison-robot-barcode.pdf>



EdBlock

BLZS[©]

Grafikus programozási nyelven,
egyszerűen drag-and-drop blokkok által
könnyen lehet a robotot irányítani.

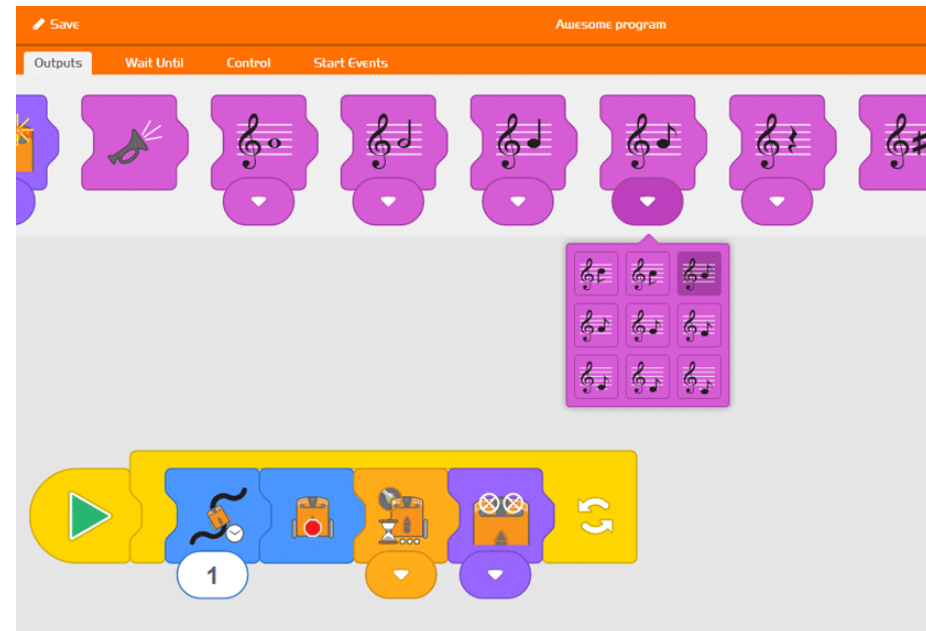
További információért kattints az alábbi linkre:

<https://meet.edison.com/robot-programming-software/edblocks/>



www.baranyilaszlozolt.com

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EdBlock online program:

<https://www.edblocksapp.com/>

The screenshot displays the EdBlock online program interface. At the top, there is an orange header bar with a menu icon, a 'Save' button, the text 'Awesome program', and a 'Program Edison' button. Below the header, there are four tabs: 'Drive', 'Outputs', 'Wait Until', 'Control', and 'Start Events'. The 'Outputs' tab is active, showing a sequence of ten musical note icons. The first nine are purple, and the tenth is green. A dropdown menu is open for the sixth purple note, showing a 3x3 grid of musical notes. Below the sequence, there is a yellow control bar with a play button, a blue block with a clock icon and the number '1', a blue block with a bus icon, an orange block with a clock icon, a purple block with a bus icon, and a yellow block with a refresh icon. On the right side, there are three vertical buttons: a gear icon, a plus sign, and a minus sign. At the bottom, there is a trash can icon and the URL www.baranyilaszlozolt.com.

EdScratch program

Scratch alapú drag-and-drop nagy funkcionalitású program.

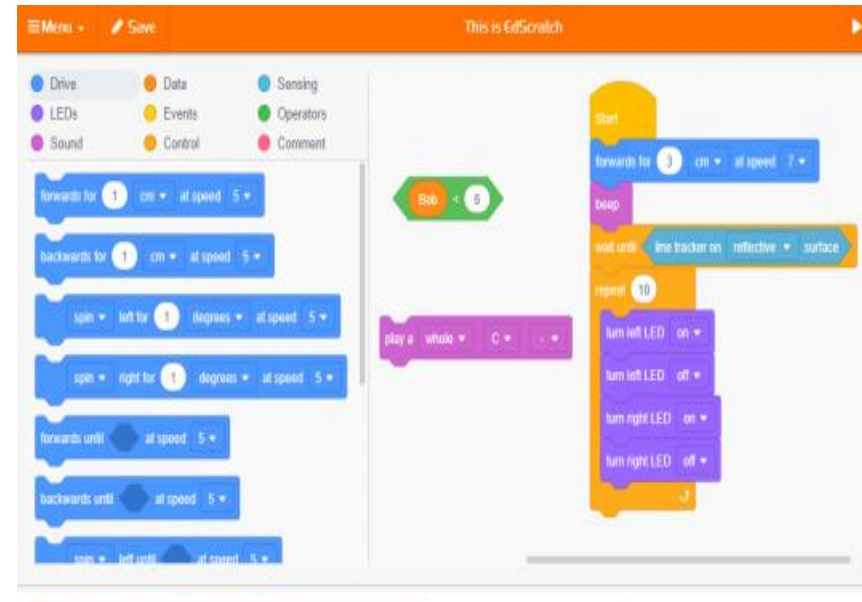
További infóért klikkelj az alábbi linkre:

<https://meet.edison.com/robot-programming-software/edscratch/>

EdScratch online program:

<https://www.edscratchapp.com/>

www.baranyilaszlozolt.com



EdScratch online program:

<https://www.edscratchapp.com/>

The screenshot displays the EdScratch online programming environment. At the top, there is an orange header bar with a 'Menu' dropdown, a 'Save' button, and the text 'Test_program'. Below the header, a left sidebar contains a menu of block categories: Drive (blue), LEDs (purple), Sound (pink), Data (orange), Events (yellow), Control (red), Sensing (light blue), Operators (green), and Comment (red). The main workspace is divided into two panels. The left panel shows a library of blocks, including 'forwards for', 'backwards for', 'spin left for', 'spin right for', 'forwards until', 'backwards until', 'spin left until', 'spin right until', 'set both motors to', 'set right motor to', and 'set left motor to'. The right panel shows a script editor with a sequence of blocks: a 'Start' block, a 'repeat' block (5 times), a 'beep' block, a 'turn right LED off' block, a 'turn left LED on' block, a 'spin left for 300 degrees at speed 5' block, another 'beep' block, a 'turn right LED on' block, a 'turn left LED off' block, and a 'spin right for 300 degrees at speed 5' block.

EdPy programjai

BLZS[©]

Szöveg alapú Python programozási nyelv.

További infóért klikkelj az alábbi linkre:

<https://meet.edison.com/robot-programming-software/edpy/>



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```
Menu Save Test_Program *
Programs Test_Program x Untitled Progr... x
Clap_controlled_driving
Avoid_obstacles
Follow_torch
Line_tracking
Bounce_in_borders
Sumo_wrestle
Drive_square
Test_Program
Global_variable_test
Vampire

1
2 #-----Setup-----
3
4 import Ed
5
6 Ed.EdisonVersion = Ed.V2
7
8 Ed.DistanceUnits = Ed.TIME
9 Ed.Tempo = Ed.TEMPO_MEDIUM
10
11 #-----Your code below-----
12
13 while True:
14     Ed.PlayBeep()
15     Ed.LeftLed(Ed.OFF)
16     Ed.RightLed(Ed.ON)
17     Ed.Drive(Ed.SPIN_RIGHT, 5, 350)
18     Ed.TimeWait(20, Ed.TIME_MILLISECONDS)
19     Ed.PlayBeep()
20     Ed.LeftLed(Ed.ON)
21     Ed.RightLed(Ed.OFF)
22     Ed.Drive(Ed.SPIN_LEFT, 5, 350)
23     Ed.TimeWait(20, Ed.TIME_MILLISECONDS)
24
```

EdPay online program:

<http://www.edpyapp.com/>

The screenshot displays the EdPay online programming environment. At the top, there is a navigation bar with a menu icon, a 'Save' button, the title 'Test_Program', and buttons for 'Check Code' and 'Program Edison'. Below this is a header bar with 'Programs', 'Test_Program x', 'Untitled Progr... x', and 'Documentation'.

The left sidebar contains a list of programs with trash icons: Clap_controlled_driving, Avoid_obstacles, Follow_torch, Line_tracking, Bounce_in_borders, Sumo_wrestle, Drive_square, Test_Program (checked), Global_variable_test, Vampire, and LineTracker_Event_exa... Below this is a 'Recently Opened' section with 'Test_Program' and an 'Examples' section with 'Clap_controlled_driving' and 'Avoid_obstacles'.

The central code editor shows the following Python code:

```
1
2 #-----Setup-----
3
4 import Ed
5
6 Ed.EdisonVersion = Ed.V2
7
8 Ed.DistanceUnits = Ed.TIME
9 Ed.Tempo = Ed.TEMPO_MEDIUM
10
11 #-----Your code below-----
12
13 while True:
14     Ed.PlayBeep()
15     Ed.LeftLed(Ed.OFF)
16     Ed.RightLed(Ed.ON)
17     Ed.Drive(Ed.SPIN_RIGHT, 5, 350)
18     Ed.TimeWait(20, Ed.TIME_MILLISECONDS)
19     Ed.PlayBeep()
20     Ed.LeftLed(Ed.ON)
21     Ed.RightLed(Ed.OFF)
22     Ed.Drive(Ed.SPIN_LEFT, 5, 350)
23     Ed.TimeWait(20, Ed.TIME_MILLISECONDS)
24
```

The right sidebar shows a 'Documentation' panel with a search bar and a list of methods: Ed.List(), Ed.LeftLed(), Ed.RightLed(), Ed.ObstacleDetectionBeam(), Ed.LineTrackerLed(), Ed.SendIRData(), Ed.StartCountDown(), Ed.TimeWait(), Ed.RegisterEventHandler(), Ed.PlayBeep(), and Ed.PlayMyBeep().

At the bottom, there are two panels: 'Compiler Output' and 'Line Help'. The 'Compiler Output' panel shows the message 'There are no errors in your code.' The 'Line Help' panel shows the message 'No help text for this line.'