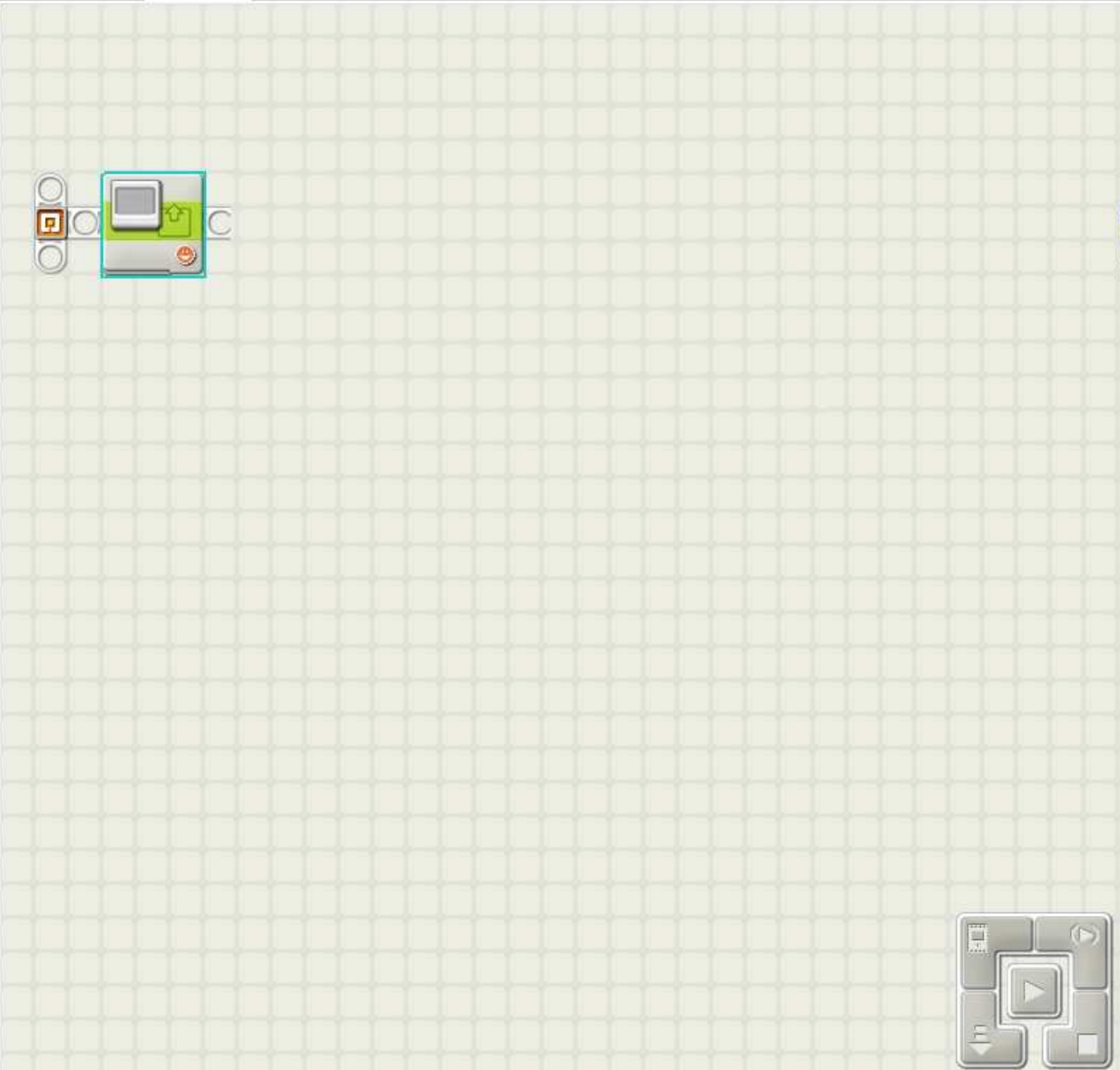


Common

Untitled-1 Fajt1

User Profile: Default



Assembly components visible on the grid:

- LEGO Mindstorms NXT brick
- LEGO Technic axle
- LEGO Technic connector
- LEGO Technic pin
- LEGO Technic bush
- LEGO Technic wheel
- LEGO Technic motor
- LEGO Technic sensor

Bottom right corner controls:

- Play button
- Stop button
- Reset button
- Undo button
- Redo button

Home >

Robot Educator



+ Common Palette



+ Complete Palette



+ Data Logging



Select:

+ Speaker

+ Ultrasonic Sensor

+ Touch Sensor

+ Display

+ Light Sensor

+ Lamp

+ Motor

+ Sound Sensor

+ All

+ Temperature Sensor

Display

Action: Image

Display: Clear

File: Smile 01
Smile 02
Smile 03

Position:



X 22 Y 4

Need help?

Move the cursor over an object to read about its function. For additional help, click the "More help" link.

[More help >](#)



Display



Action:



Image



Display:



Clear



File:

Smile 01

Smile 02

Smile 03



Position:



X

22

Y

4

Start



LEGO MINDSTORMS ...

Common

Untitled-1 Fajt1



Home »

Robot Educator



+ Common Palette



+ Complete Palette



+ Data Logging



Select:

+ Speaker

+ Ultrasonic Sensor

+ Touch Sensor

+ Display

+ Light Sensor

+ Lamp

+ Motor

+ Sound Sensor

+ All

+ Temperature Sensor

Wait



Control:

Time

Until:

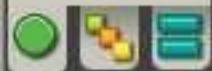
Seconds:

1

Need help?

Move the cursor over an object to read about its function. For additional help, click the "More help" link.

[More help »](#)



Wait



Control:

Time



Until:

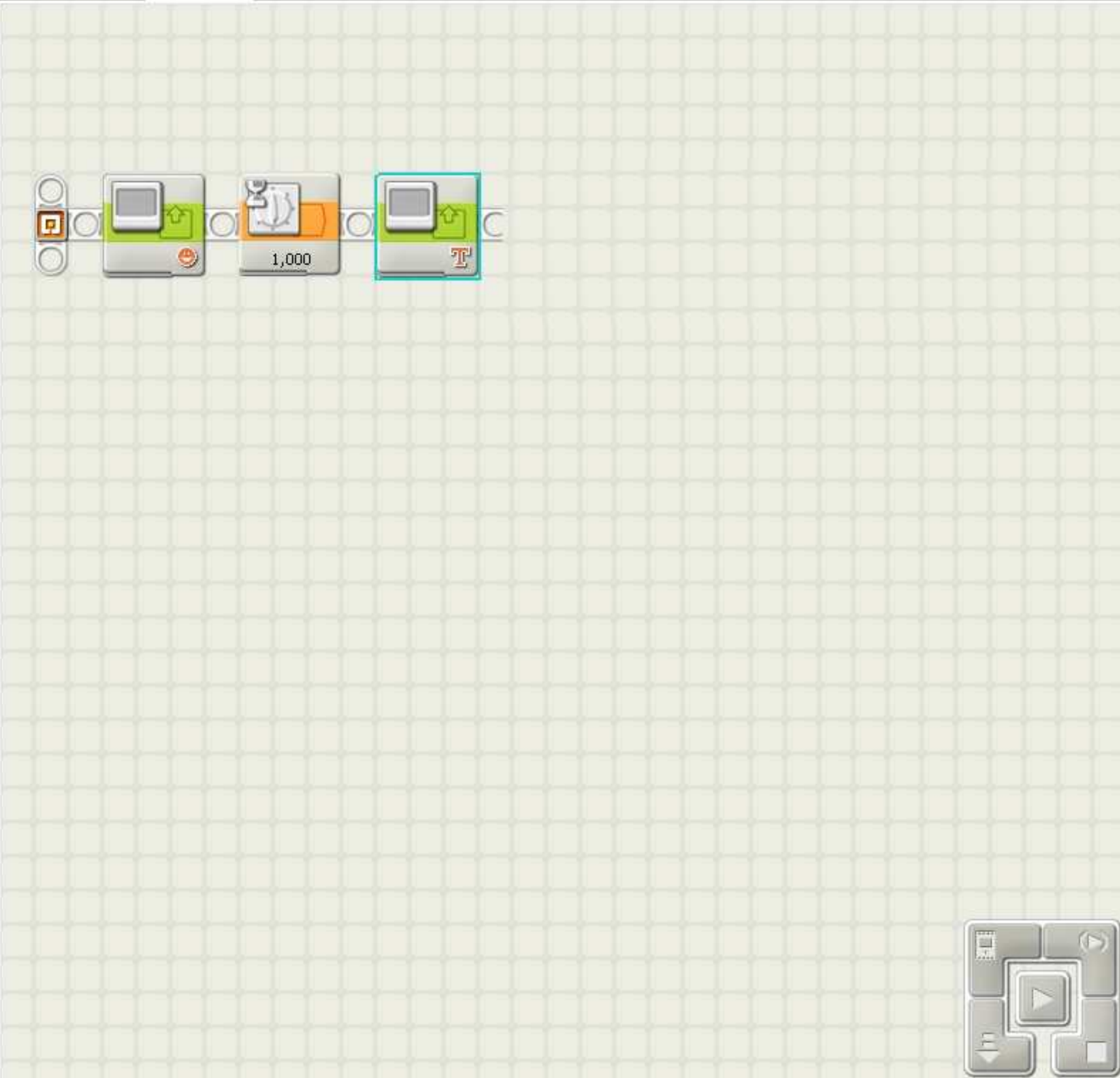
Seconds:

1

Common

Untitled-1 Fajt1

User Profile: Default



Display

Action: Text

Position:

Display: ☒ Clear

Text: Simple Text Ahoj kamarade

X 11 Y 32

Line: 4

Home >

Robot Educator



+ Common Palette



+ Complete Palette



+ Data Logging



Select:

+ Speaker

+ Ultrasonic Sensor

+ Touch Sensor

+ Display

+ Light Sensor

+ Lamp

+ Motor

+ Sound Sensor

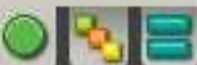
+ All

+ Temperature Sensor

Need help?

Move the cursor over an object to read about its function. For additional help, click the "More help" link.

[More help >](#)



Display



Action:



Text



Display:



Clear



Text:

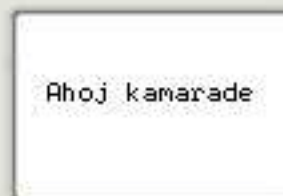


Simple
Text

Ahoj kamarade



Position:



X

11

Y

32

Line:

4



Common

Untitled-1 Fajt1



Wait

Control: Time

Until: Seconds: 2

Home »

Robot Educator



+ Common Palette



+ Complete Palette



+ Data Logging



Select:

- | | |
|----------------|----------------------|
| + Speaker | + Ultrasonic Sensor |
| + Touch Sensor | + Display |
| + Light Sensor | + Lamp |
| + Motor | + Sound Sensor |
| + All | + Temperature Sensor |

Need help?

Move the cursor over an object to read about its function. For additional help, click the "More help" link.

[More help »](#)

Wait



	Control:	Time	
	Until:	Seconds:	2



Robot Educator



+ Common Palette



+ Complete Palette



+ Data Logging



Select:

+ Speaker

+ Ultrasonic Sensor

+ Touch Sensor

+ Display

+ Light Sensor

+ Lamp

+ Motor

+ Sound Sensor

+ All

+ Temperature Sensor



Need help?

Move the cursor over an object to read about its function. For additional help, click the "More help" link.

[More help >](#)



Display



Action:



Reset



Common

Untitled-1 Fajt1

User Profile: Default

Display

Position:

End point: X 15 Y 25 X 50 Y 60

Home >

Robot Educator



+ Common Palette



+ Complete Palette



+ Data Logging



Select:

+ Speaker

+ Ultrasonic Sensor

+ Touch Sensor

+ Display

+ Light Sensor

+ Lamp

+ Motor

+ Sound Sensor

+ All

+ Temperature Sensor

Display Block

Use this block to display an image, write some text, or draw a shape on the NXT's display screen. Choose "Clear" to start with a fresh screen.

[More help >](#)



Display



Action:  Drawing 

Display: ☐  Clear

Type: Line 

Position: 



X 15 Y 25

End point: X 50 Y 60

Common

Untitled-1 Fajt1

User Profile: Default

Display

Action: Drawing

Position:

Display: ☐ Clear

Type: Line

End point: X 85 Y 25

X 50 Y 60

Home >

Robot Educator



+ Common Palette



+ Complete Palette



+ Data Logging



Select:

+ Speaker

+ Ultrasonic Sensor

+ Touch Sensor

+ Display

+ Light Sensor

+ Lamp

+ Motor

+ Sound Sensor

+ All

+ Temperature Sensor

Need help?

Move the cursor over an object to read about its function. For additional help, click the "More help" link.

[More help >](#)

Display



Action:



Drawing



Display:



Clear



Type:

Line



Position:



X

85

Y

25

End point:

X

50

Y

60

LEGO MINDSTORMS Education NXT Programming interface showing a sequence of blocks on a grid. The blocks include a start block, a loop block with a counter (1,000), a text block (T), a loop block with a counter (2,000), and several other blocks. The last block is highlighted with a red border.

Display panel with controls for Action, Display, and Type. The Action is set to Drawing. The Display is set to Clear. The Type is set to Line. The Position is set to X: 20, Y: 5. The End point is set to X: 20, Y: 30.

Home >

Robot Educator



+ Common Palette



+ Complete Palette



+ Data Logging



Select:

+ Speaker

+ Ultrasonic Sensor

+ Touch Sensor

+ Display

+ Light Sensor

+ Lamp

+ Motor

+ Sound Sensor

+ All

+ Temperature Sensor

Need help?

Move the cursor over an object to read about its function. For additional help, click the "More help" link.

[More help >](#)



Display



Action:



Drawing



Display:



Clear



Type:

Line



Position:



X

20

Y

5

End point:

X

20

Y

30

1,000

2,000

Robot Educator

Common Palette

Complete Palette

Data Logging

Select:

- Speaker
- Touch Sensor
- Light Sensor
- Motor
- All
- Ultrasonic Sensor
- Display
- Lamp
- Sound Sensor
- Temperature Sensor

Display

Action: Drawing

Position:

Display: Clear

Type: Line

End point: X 80 Y 30

Display Block

Use this block to display an image, write some text, or draw a shape on the NXT's display screen. Choose "Clear" to start with a fresh screen.

[More help >](#)

Display



Action:



Drawing



Display:



Clear



Type:

Line



Position:



X

80

Y

5

End point:

X

80

Y

30

The main workspace is a large grid where a sequence of programming blocks is being built. The sequence starts with a 'Start' block (orange), followed by a 'Motor' block (orange) set to 2,000, and then a series of 'Display' blocks (green). The last 'Display' block is currently selected, indicated by a blue border. To the left of the workspace is a 'Common' sidebar with icons for various functions: a gear for settings, a play button for running, a speaker for sound, a monitor for display, a light bulb for light, a refresh button, and a double-headed arrow for undo/redo. At the bottom right of the workspace is a 'Navigation' area with buttons for back, forward, and search.

Display

Action: Drawing

Position:

Display: ☐ Clear

Type: Line

End point: X 20 Y 5

End point: X 80 Y 5

Robot Educator

- Common Palette
- Complete Palette
- Data Logging

- Select:
- ☐ Speaker
 - ☐ Touch Sensor
 - ☐ Light Sensor
 - ☐ Motor
 - ☐ All
 - ☐ Ultrasonic Sensor
 - ☐ Display
 - ☐ Lamp
 - ☐ Sound Sensor
 - ☐ Temperature Sensor

Need help?

Move the cursor over an object to read about its function. For additional help, click the "More help" link.

[More help >](#)

Display



Action:



Drawing



Display:



Clear



Type:

Line



Position:



X

20

Y

5

End point:

X

80

Y

5

LEGO MINDSTORMS Education NXT Programming interface showing a sequence of blocks on a grid. The sequence includes a 'Wait' block (2,000) followed by several 'Motor' blocks (green) and a final 'Wait' block (2,000). The 'Wait' block is highlighted with a blue border.

Common

Wait

2,000

Motor

Motor

Motor

Motor

Motor

Motor

Motor

Wait

2,000

Home >

Robot Educator



+ Common Palette



+ Complete Palette



+ Data Logging



Select:

+ Speaker

+ Ultrasonic Sensor

+ Touch Sensor

+ Display

+ Light Sensor

+ Lamp

+ Motor

+ Sound Sensor

+ All

+ Temperature Sensor

Need help?

Move the cursor over an object to read about its function. For additional help, click the "More help" link.

[More help >](#)

Wait



Control:

Time



Until:

Seconds:

2