





# Color Sensor



Port:

☐ 1

☐ 2

☒ 3

☐ 4



Action:

Color Sensor



Compare:



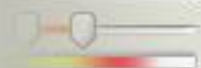
Inside Range



☐ 4



Range





## Move



R

0

A

0

B

0

C



Port:

☐ A

☐ B

☒ C



Direction:



Steering:



Power:



50



Duration:

360

Unlimited



Next Action:



Brake



Coast



Wait



0



Control:

Sensor



Sensor:



Touch Sensor



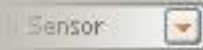
Port:

1

2

3

4



Action:

1



Pressed

2



Released

3



Bumped





## Move



R

0

A

0

B

0

C



Port:

☐ A

☐ B

☒ C



Direction:



Steering:

C



Power:



50



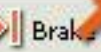
Duration:

55

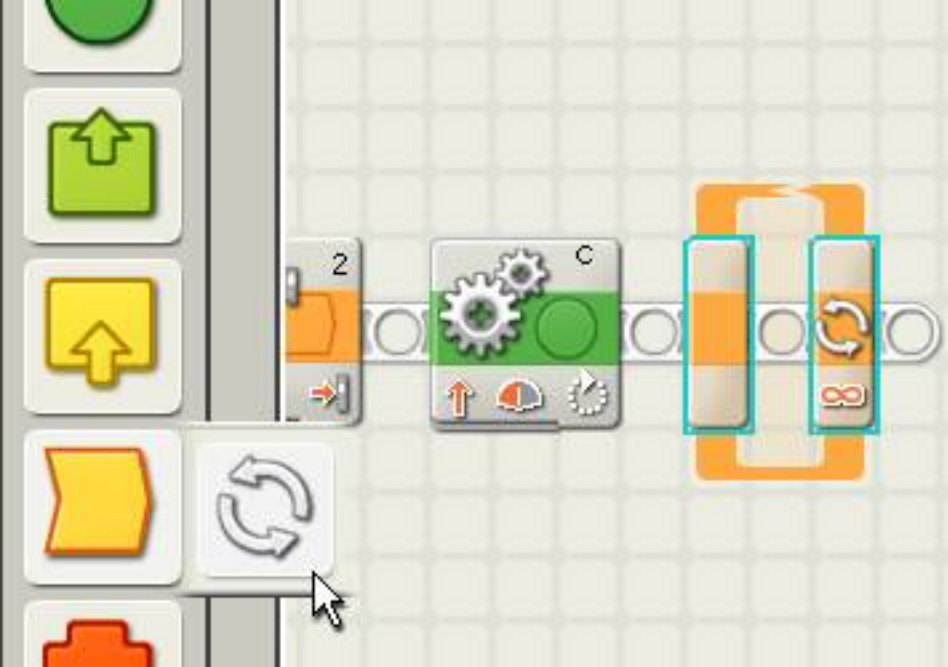
Degrees



Next Action:



Coast



## Loop



Control:

Forever



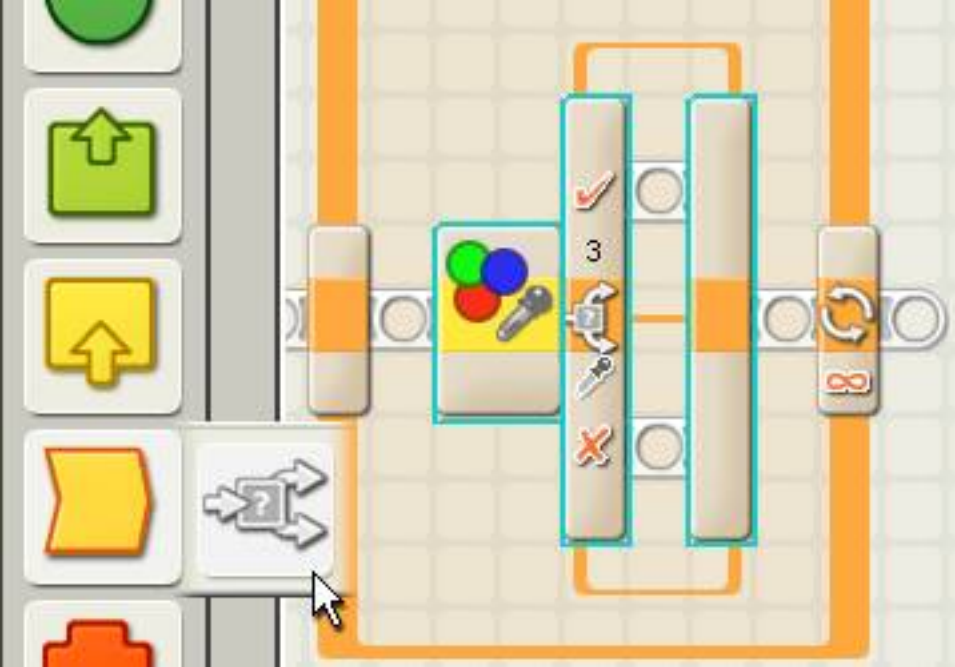
Show:



Counter

if





## Switch



Control:

Sensor



Sensor:



Color Sensor



Display:



Flat view

0

Sensor

Sensor



Port:

1

2

3

4



Action:

Color Sensor



Compare:



Inside Range





3



## Sound



Action:



Sound File



Tone



Control:



Play



Stop



Volume:



100



Function:



Repeat



Tone



Stop



100



File:

Blue

Bravo

Brilliant

Buuuhh

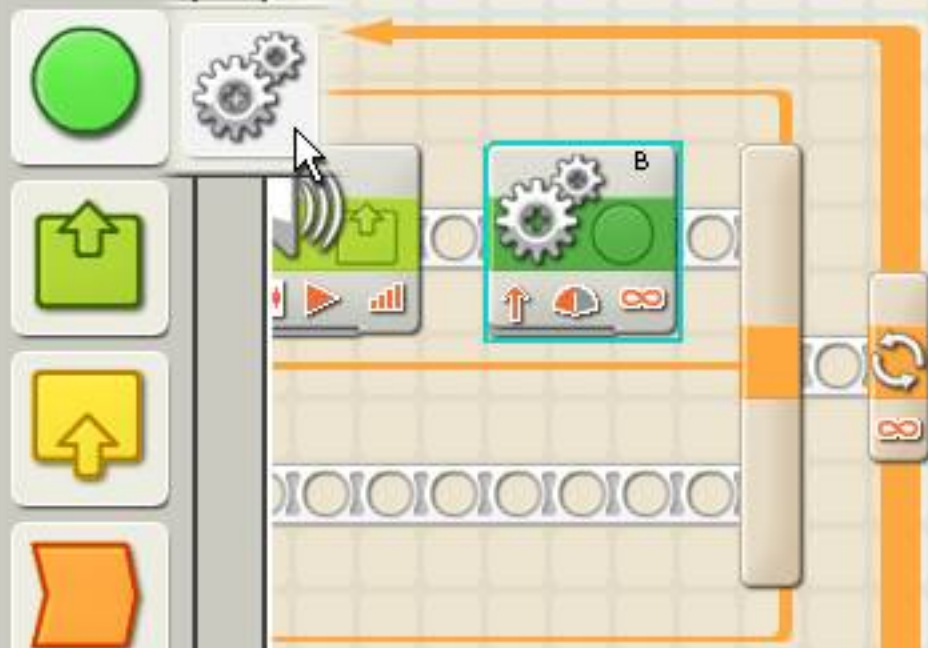
Centimeters



Wait:



Wait for Completion





# Move



0

A

0

B

0

C



Port:

☐ A

☒ B

☐ C



Direction:

☐ Forward

☐ Down

☐ Stop



Steering:

B



Power:



50



Duration:

360

Unlimited



Next Action:

☐ Brake

☐ Coast



Wait



0



Control:

Sensor



Sensor:



Touch Sensor



Port:

☒ 1

☐ 2

☐ 3

☐ 4



Action:

☐



Pressed

☐



Released

☒



Bumped





## Move



R

0

A

0

B

0

C



Port:

☐ A

☒ B

☐ C



Direction:

☐ Forward

☐ Down

☐ Stop



Steering:

B



Power:



50



Duration:

0.8

Rotations



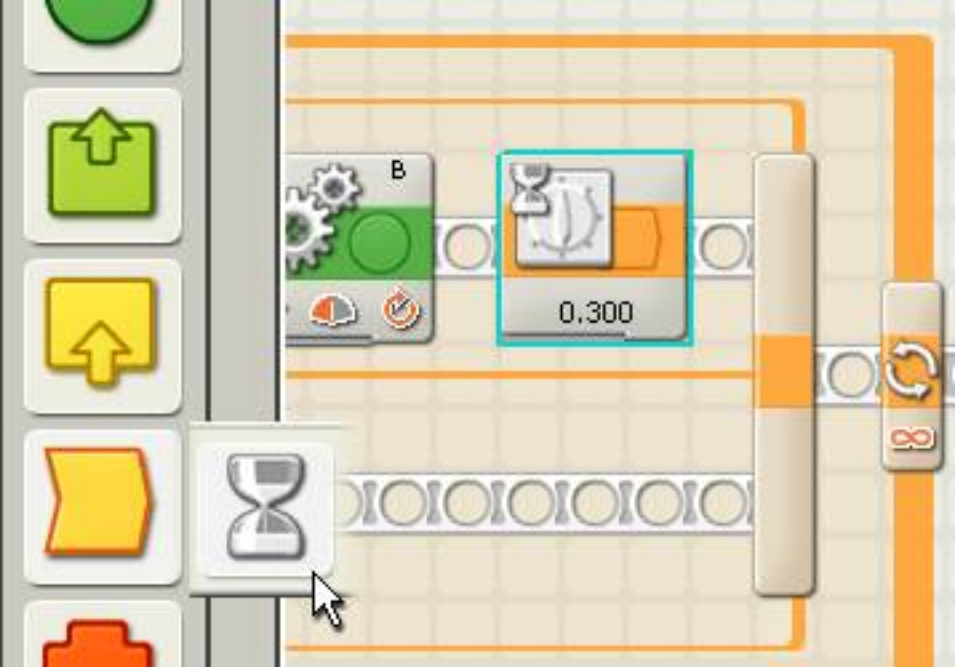
Next Action:



Brake



Coast



**Wait**



Control:

Time

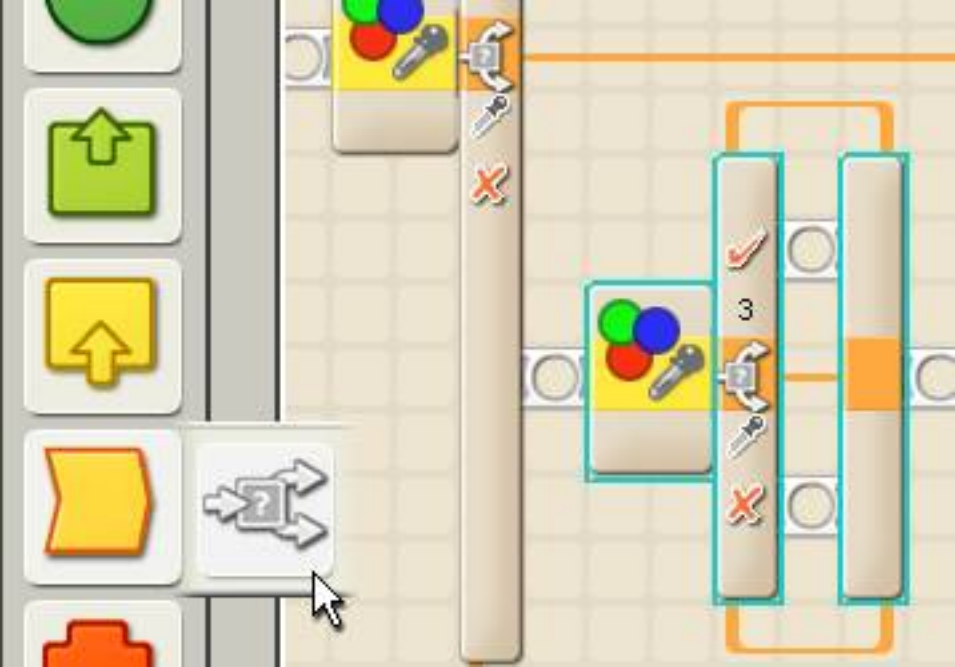


Until:

Seconds:

0.3

0,3





## Switch



Control:

Sensor



Sensor:



Color Sensor



Display:



Flat view

0



Port:

1

2

3

4



Action:

Color Sensor



Compare:



Inside Range





3



## Sound



Action:



Sound File



Tone



Control:



Play



Stop



Volume:



100



Function:



Repeat

Tone

Stop



100



File:

Red

Right

Robot

Rotation

Score



Wait:



Wait for Completion



## Move



R

0

A

0

B

0

C



Port:

☐ A

☐ B

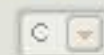
☒ C



Direction:



Steering:



Power:



40



Duration:

90

Degrees



Next Action:



Brake



Coast



## Move



R

0

A

0

B

0

C



Port:

☐ A

☒ B

☐ C



Direction:



Steering:

B



Power:



50



Duration:

360

Unlimited



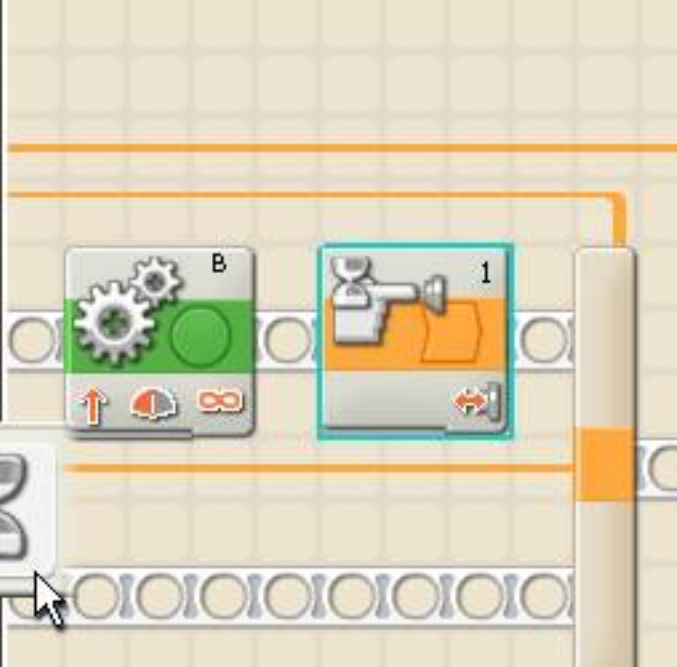
Next Action:



Brake



Coast





Wait



0



Control:

Sensor



Sensor:



Touch Sensor



Port:

☒ 1

☐ 2

☐ 3

☐ 4



Action:

☐



Pressed

☐



Released

☒



Bumped





## Switch



Control:

Sensor



Sensor:



Color Sensor



Display:



Flat view

0



Port:

1

2

3

4



Action:

Color Sensor



Compare:



Inside Range



## Move



R

0

A

0

B

0

C



Port:

☐ A

☒ B

☐ C



Direction:

☐ Forward

☐ Down

☐ Stop



Steering:



Power:



50



Duration:

Rotations



Next Action:



☐ Brake



☐ Coast





3



## Move



R

0

A

0

B

0

C



Port:

☐ A

☐ B

☒ C



Direction:



Steering:

C



Power:



40



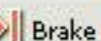
Duration:

270

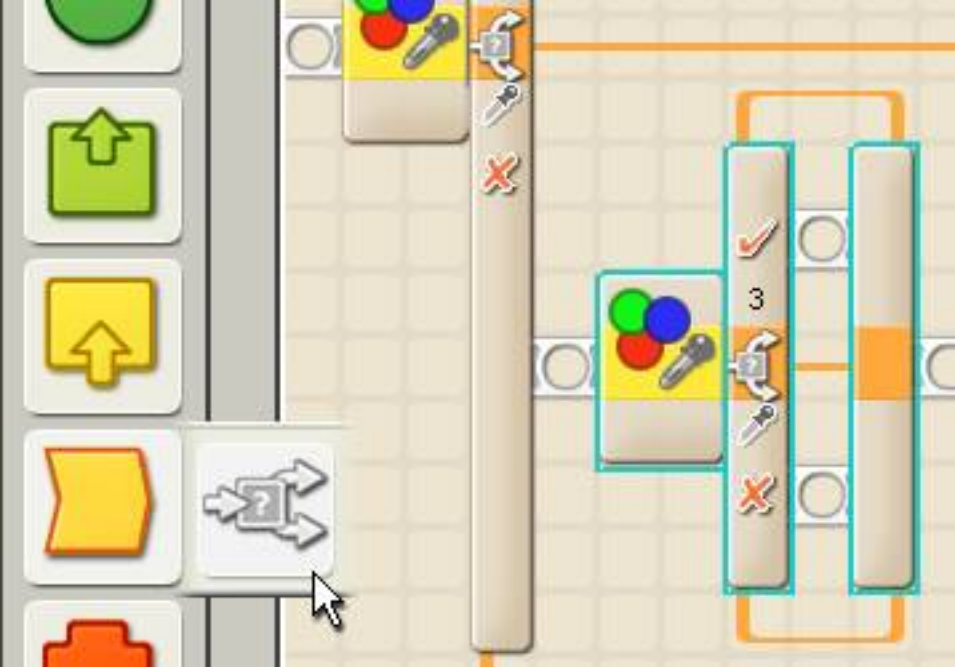
Degrees



Next Action:



Coast





## Sound



Action:



Sound File



Tone



Control:



Play



Stop



Volume:



100



Function:



Repeat



Tone



Stop



100



File:

Yellow

Yes

You're Good



Wait:



Wait for Completion



## Move



R

0

A

0

B

0

C



Port:

☐ A

☐ B

☒ C



Direction:



Steering:

C



Power:



40



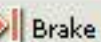
Duration:

180

Degrees



Next Action:



Coast



## Move



R

0

A

0

B

0

C



Port:

☐ A

☒ B

☐ C



Direction:

☐ Forward

☐ Down

☐ Stop



Steering:

B



Power:



50



Duration:



360

Unlimited



Next Action:

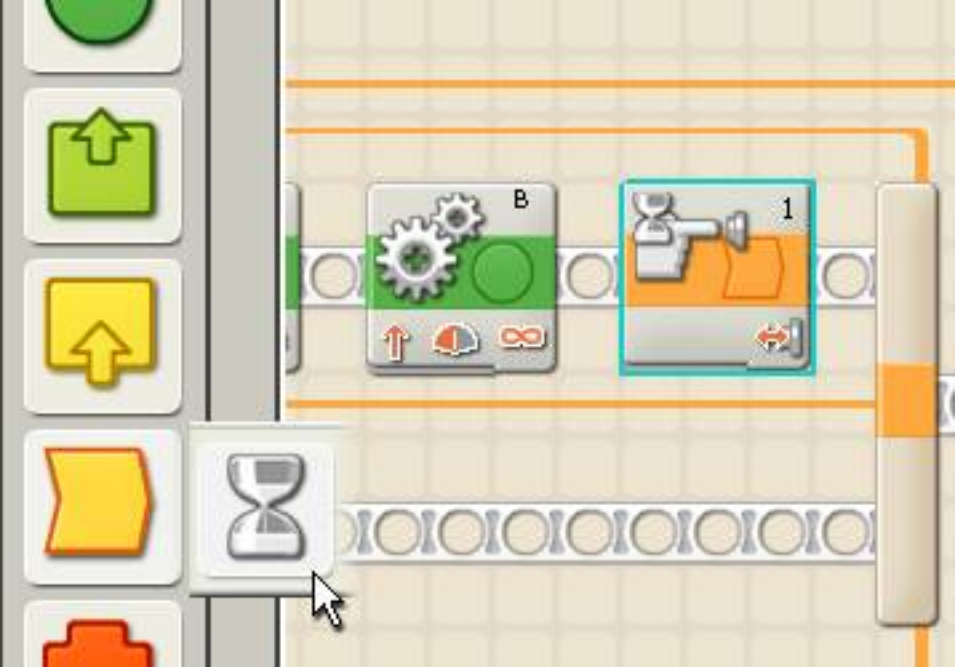


Brake



Coast





Wait



0



Control:

Sensor



Sensor:



Touch Sensor



Port:

☒ 1

☐ 2

☐ 3

☐ 4



Action:

☐



Pressed

☐



Released

☒



Bumped



# Move



R

0

A

0

B

0

C



Port:

☐ A

☐ B

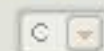
☒ C



Direction:



Steering:



Power:



40



Duration:

180

Degrees



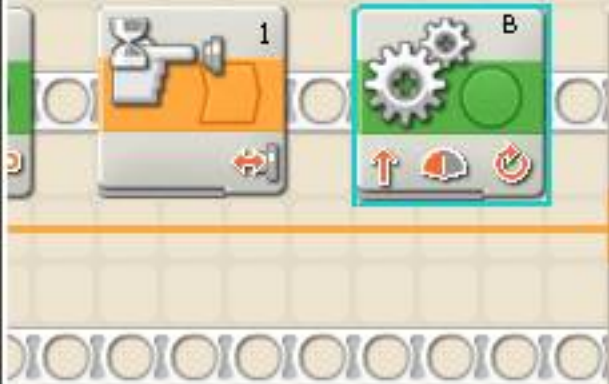
Next Action:



Brake



Coast



## Move



R

0

A

0

B

0

C



Port:

☐ A

☒ B

☐ C



Direction:

☐ Forward

☐ Down

☐ Stop



Steering:

B



Power:



50



Duration:

0.8

Rotations



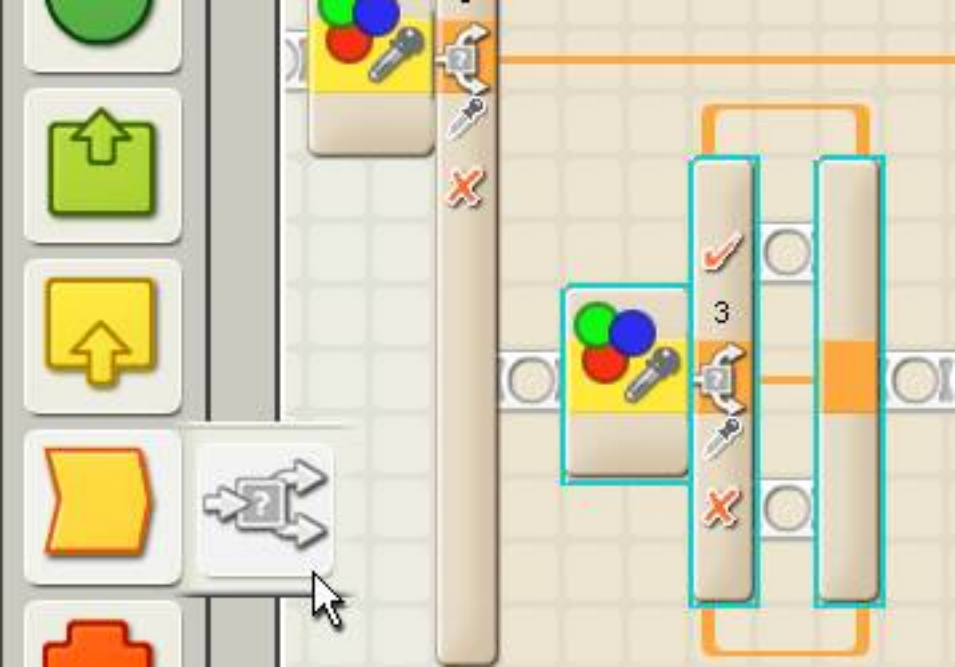
Next Action:



Brake



Coast



## Switch



Control:

Sensor



Sensor:



Color Sensor



Display:



Flat view

0



Port:

1

2

3

4



Action:

Color Sensor



Compare:



Inside Range





3



## Sound



Action:



Sound File



Tone



Control:



Play



Stop



Volume:



100



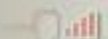
Function:



Repeat

Tone

Stop



100



File:

Green

Grey

Have A Nice Day

Hello

Hooray



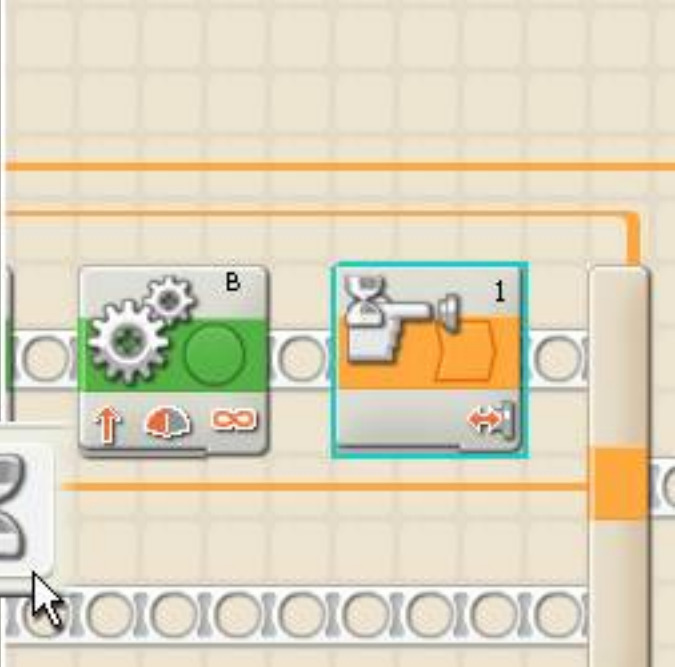
Wait:



Wait for Completion







## Move



R

0

A

0

B

0

C



Port:

☐ A

☐ B

☒ C



Direction:



Steering:

C



Power:



40



Duration:

270

Degrees



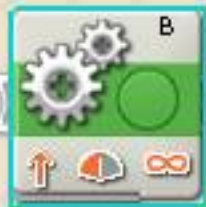
Next Action:



Brake



Coast



Wait



0



Control:

Sensor



Sensor:



Touch Sensor



Port:

☒ 1

☐ 2

☐ 3

☐ 4



Action:

☐



Pressed

☐



Released

☒



Bumped



## Move



R

0

A

0

B

0

C



Port:

☐ A

☒ B

☐ C



Direction:

☐ Forward

☐ Backward

☐ Stop



Steering:

B

Up

Down

Left

Right



Power:



50



Duration:

360

Unlimited



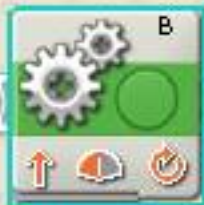
Next Action:



Brake



Coast



## Move



R

0

A

0

B

0

C



Port:

☐ A

☒ B

☐ C



Direction:

☐ Forward

☐ Backward

☐ Stop



Steering:

B

Up

Down

Left

Right



Power:



50



Duration:

0.8

Rotations

Down



Next Action:

☐ Forward

☒ Brake

☐ Backward

☐ Coast

Down



1





## Move



R

0

A

0

B

0

C



Port:

☐ A

☐ B

☒ C



Direction:



Steering:

C



Power:



40



Duration:

90

Degrees



Next Action:



Brake



Coast



3



# Sound



Action:



Sound File



Tone



Control:



Play



Stop



Volume:



100



Function:



Repeat

Tone

Stop

100



File:

Try Again

Turn

Watch Out

White

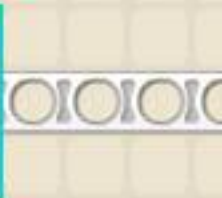
Whoops



Wait:



Wait for Completion





3



# Move



R

0

A

0

B

0

C



Port:

☐ A

☒ B

☐ C



Direction:

☐ Forward

☐ Backward

☐ Stop



Steering:

B

Up

Down



Power:



50



Duration:

360

Unlimited



Next Action:



Brake



Coast

Wait



0



Control:

Sensor



Sensor:



Touch Sensor



Port:

☒ 1

☐ 2

☐ 3

☐ 4



Action:

☐



Pressed

☐



Released

☒



Bumped







# Move



R

0

A

0

B

0

C



Port:

☐ A

☒ B

☐ C



Direction:

☐ Forward

☐ Down

☐ Stop



Steering:

B

Up

Down



Power:



50



Duration:

0.8

Rotations

Down



Next Action:



Brake



Coast