





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:

☐ C



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:

☐



☒



☐

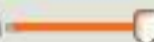


Steering:

☐ C



Power:



50



Duration:

20

Degrees



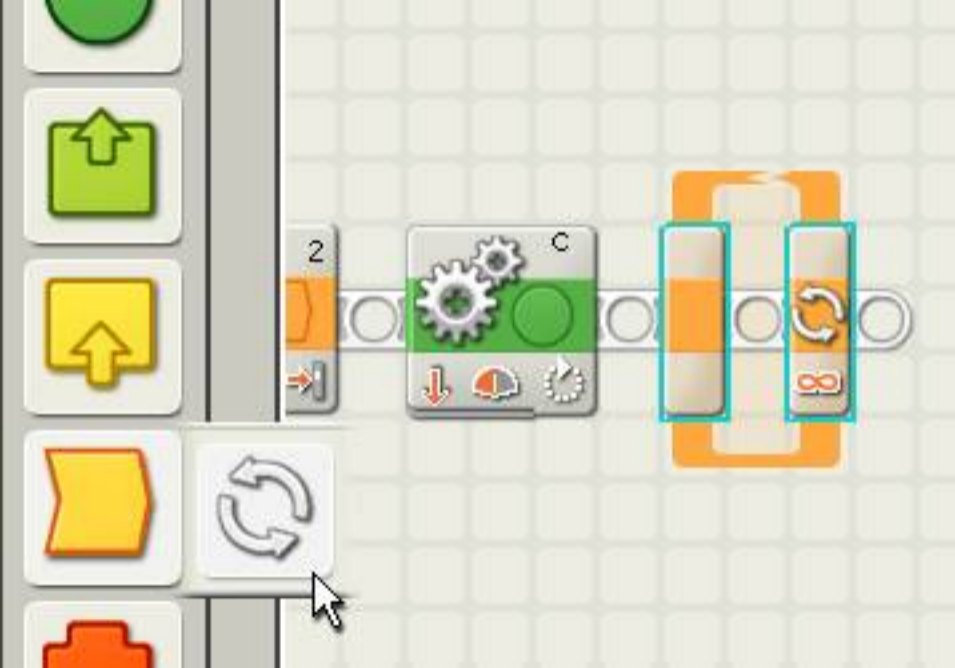
Next Action:



Brake



Coast



Loop



Control:

Forever



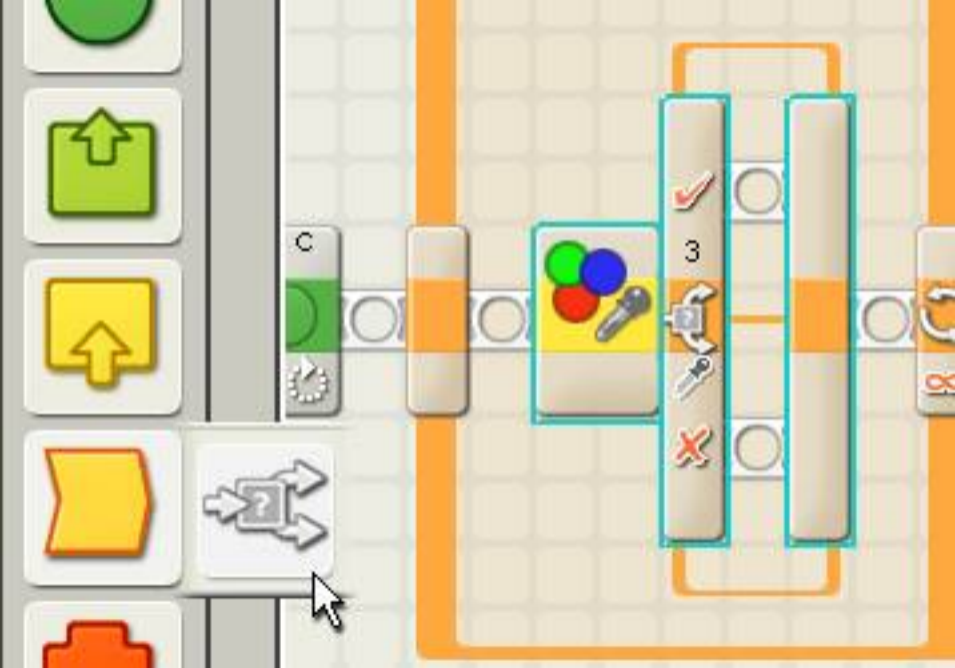
Show:



Counter

if





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:

B



Power:



50



Duration:

360

Unlimited



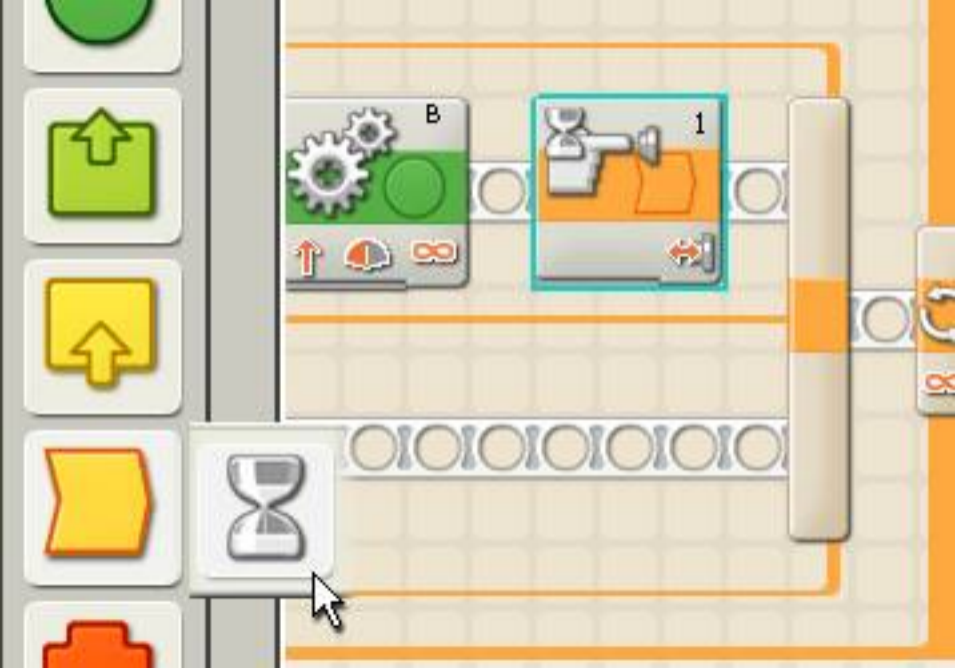
Next Action:



Brake



Coast





Wait



0



Control:

Sensor



Sensor:



Touch Sensor



Port:

☒ 1

☐ 2

☐ 3

☐ 4



Action:

☐



Pressed

☐



Released

☒



Bumped



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:

B



Power:



50



Duration:

0.8

Rotations



Next Action:



Brake



Coast





Move



R

0

A

0

B

0

C



Port:

☐ A

☐ B

☒ C



Direction:

☐



☒

☐



Steering:

☐ C



Power:



50



Duration:

20

Degrees



Next Action:



Brake



Coast

Move



R

0

A

0

B

0

C



Port:



A



B



C



Direction:



Steering:

A



Power:



100



Duration:

1

Seconds



Next Action:



Brake



Coast



Move



R

0

A

0

B

0

C



Port:



A



B



C



Direction:



Steering:



Power:



50



Duration:

1

Seconds



Next Action:



Brake



Coast



8

Move



R

0

A

0

B

0

C



Port:

☐ A

☐ B

☒ C



Direction:



Steering:



Power:



50



Duration:

20

Degrees



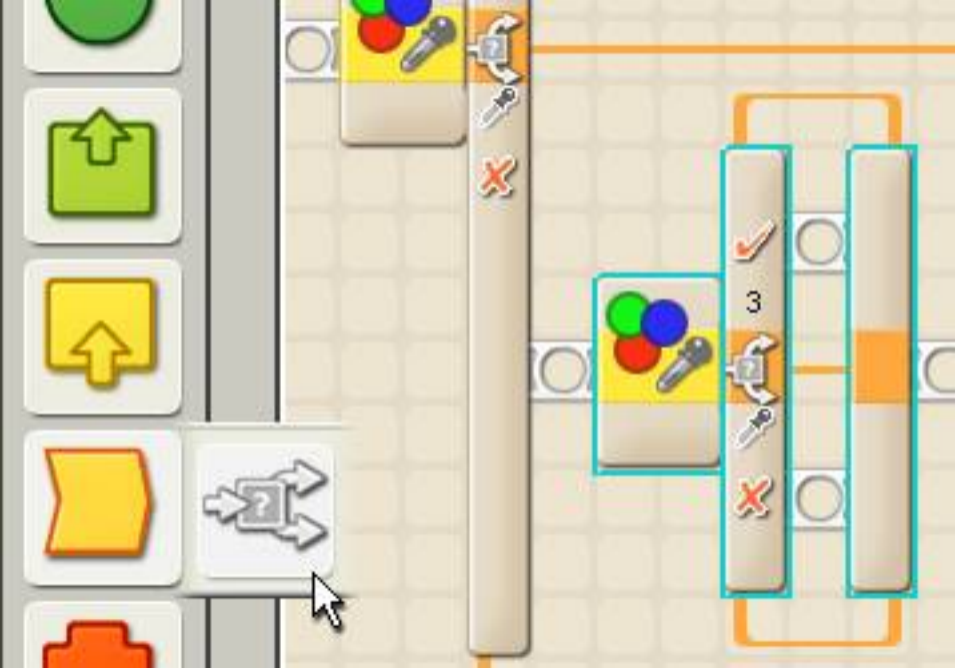
Next Action:



Brake



Coast



Switch



Control:

Sensor



Sensor:



Color Sensor



Display:



Flat view

0

Sensor

Sensor



Port:

1

2

3

4



Action:

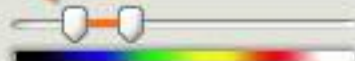
Color Sensor



Compare:



Inside Range





3



B

Move



R

0

A

0

B

0

C



Port:

☐ A

☒ B

☐ C



Direction:

☐ Up

☐ Down

☐ Stop



Steering:

B

Up

Down



Power:



50



Duration:

360

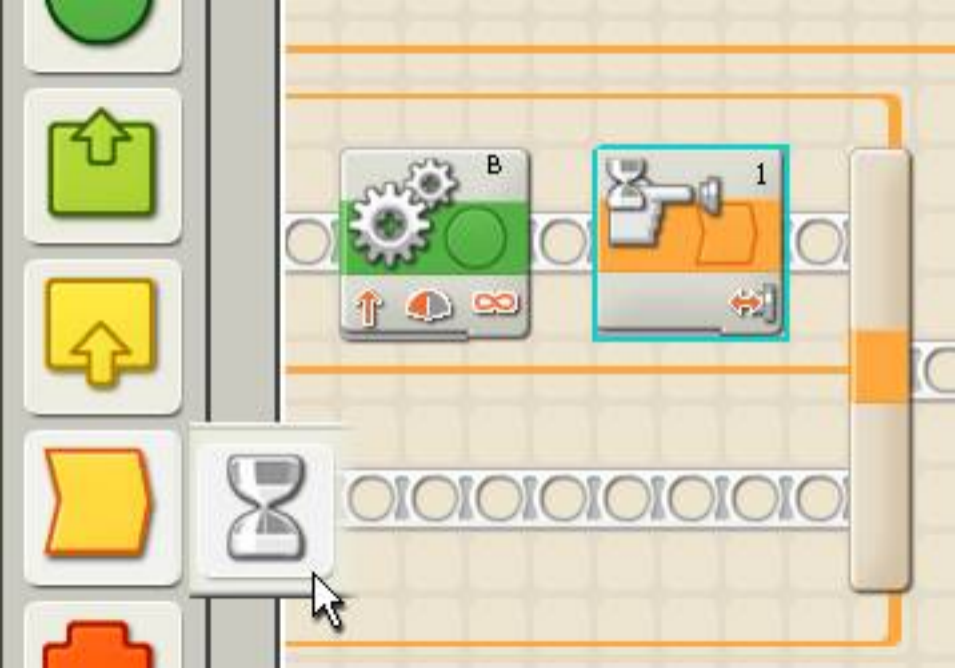
Unlimited



Next Action:

☐ Brake

☐ Coast





Wait



0



Control:

Sensor



Sensor:



Touch Sensor



Port:

☒ 1

☐ 2

☐ 3

☐ 4



Action:

☐



Pressed

☐



Released

☒



Bumped





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



R

0

A

0

B

0

C



Port:

☐ A

☒ B

☐ C



Direction:

☐ Forward

☐ Backward

☐ Stop



Steering:



Power:



50



Duration:

0.8

Rotations



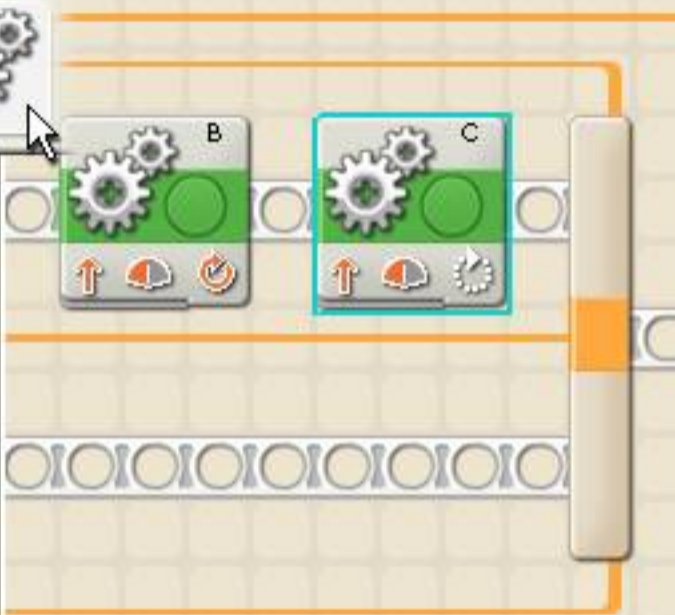
Next Action:



Brake



Coast





Move



R

0

A

0

B

0

C



Port:

☐ A

☐ B

☒ C



Direction:

☒ Up

☐ Down

☐ Stop



Steering:



Power:



50



Duration:

50

Degrees



Next Action:



Brake



Coast

Move



R

0

A

0

B

0

C



Port:



A



B



C



Direction:



Steering:

A



Power:



100



Duration:

1

Seconds



Next Action:



Brake



Coast



Move



R

0

A

0

B

0

C



Port:



A



B



C



Direction:



Steering:

A



Power:



50



Duration:



1

Seconds



Next Action:

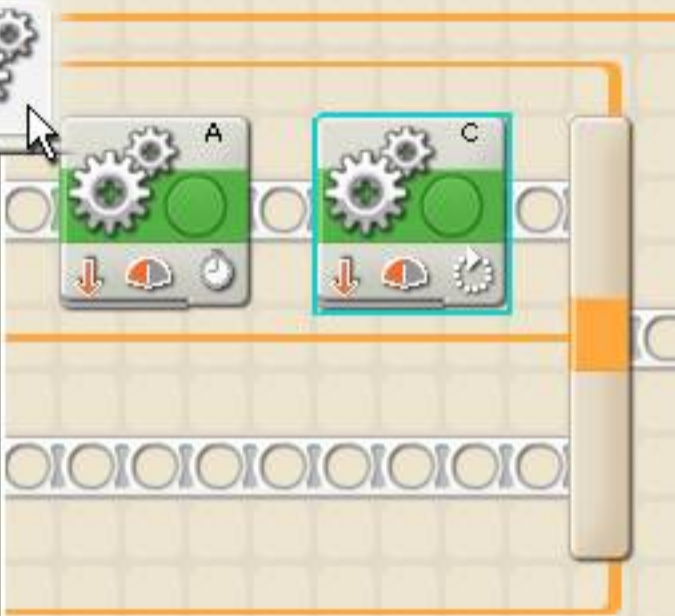


Brake



Coast





Move



R

0

A

0

B

0

C

Port: ☐ A ☐ B ☒ C

Direction: ☐ ☒ ☐ ☐

Steering:

Power:

Duration:

Next Action: Brake ☐ Coast

Move



R

0

A

0

B

0

C



Port:

☐ A

☒ B

☐ C



Direction:



Steering:

B



Power:



50



Duration:

360

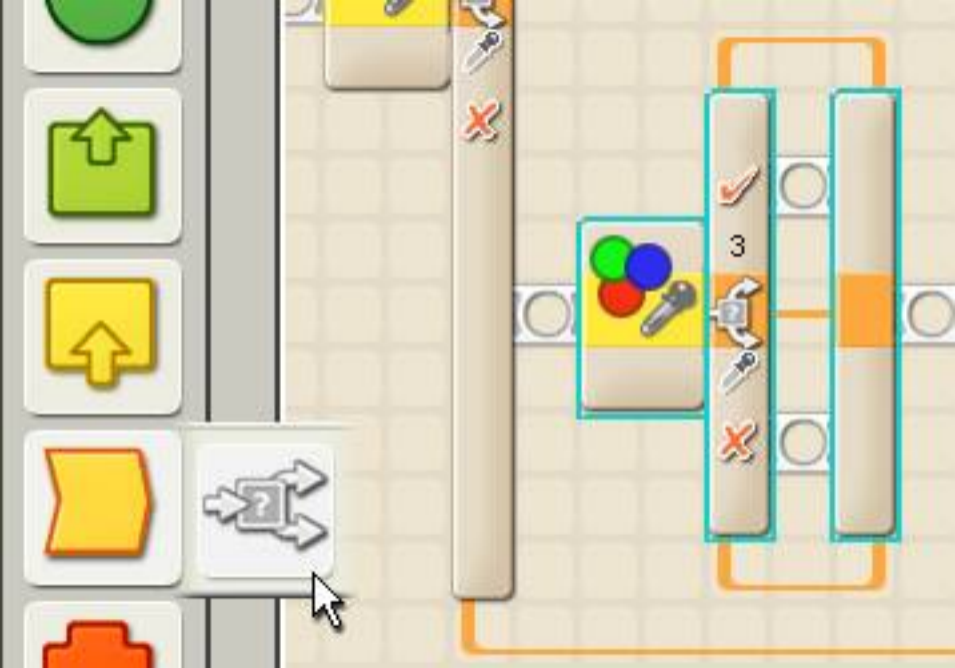
Unlimited



Next Action:

☐ Brake

☐ Coast



Switch



Control:

Sensor



Sensor:



Color Sensor



Display:



Flat view

0



Port:

1

2

3

4



Action:

Color Sensor



Compare:



Inside Range





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:

B



Power:



50



Duration:

0.8

Rotations



Next Action:



Brake



Coast





Move



R

0

A

0

B

0

C



Port:

☐ A

☐ B

☒ C



Direction:

☐



☒

☐



Steering:

☒ C



Power:



50



Duration:

5

Degrees



Next Action:



Brake



Coast



Move



R

0

A

0

B

0

C



Port:



A



B



C



Direction:

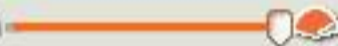


Steering:

A



Power:



100



Duration:

1

Seconds



Next Action:



Brake



Coast

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:



50



Duration:

1

Seconds



Next Action:



Brake



Coast



Move



R

0

A

0

B

0

C

Port: ☐ A ☐ B ☒ C

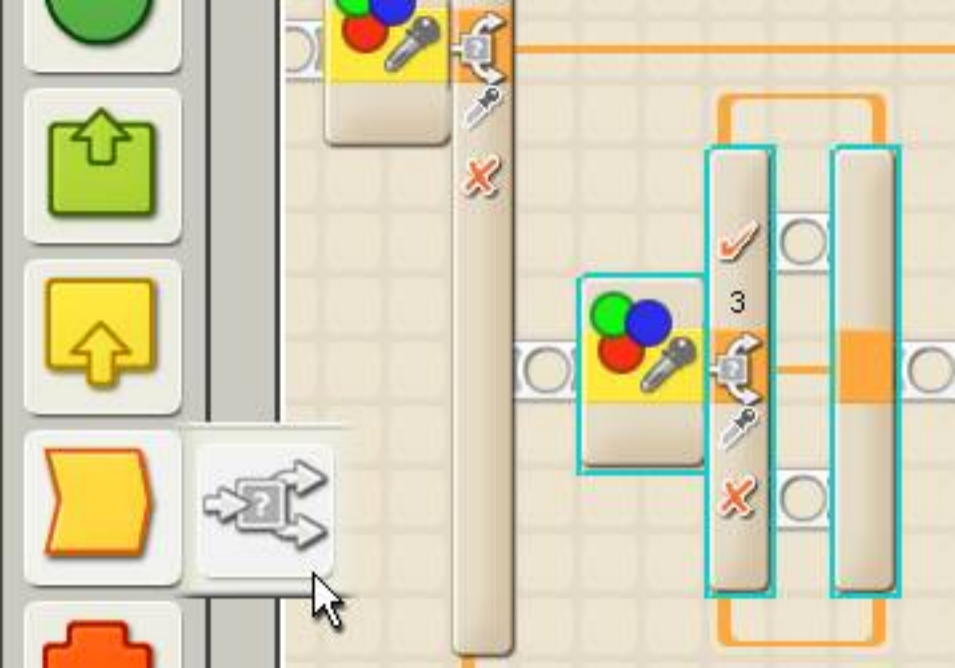
Direction: ☒ ☐ ☐ ☐

Steering:

Power:

Duration:

Next Action: ☒ Brake ☐ Coast



Switch



Control:

Sensor



Sensor:



Color Sensor



Display:



Flat view

0



Port:

1

2

3

4



Action:

Color Sensor



Compare:



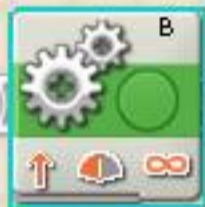
Inside Range







3



Move



R

0

A

0

B

0

C



Port:

☐ A

☒ B

☐ C



Direction:

☐ Up

☒ Down

☐ 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

☐ Backward

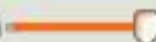
☐ Stop



Steering:



Power:



50



Duration:

0.8

Rotations



Next Action:



Brake



Coast



Move



R

0

A

0

B

0

C



Port:

☐ A

☐ B

☒ C



Direction:

☒ Up

☐ Down

☐ Stop



Steering:

C



Power:



50



Duration:

20

Degrees



Next Action:



Brake



Coast



Sound



Action:



Sound File



Tone



Control:



Play



Stop



Volume:



100



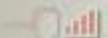
Function:



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:

A



Power:



100



Duration:

1

Seconds



Next Action:



Brake



Coast

Move



R

0

A

0

B

0

C



Port:



A



B



C



Direction:



Steering:

A



Power:



50



Duration:

1

Seconds



Next Action:



Brake



Coast



Move



R

0

A

0

B

0

C



Port:

☐ A

☐ B

☒ C



Direction:

☐



☒



☐



Steering:

☐ C



Power:



50



Duration:

20

Degrees



Next Action:



Brake



Coast



3



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



Move



R

0

A

0

B

0

C



Port:

☐ A

☒ B

☐ C



Direction:

☐ Up

☐ Down

☐ Stop



Steering:

B

Up

Down

Left

Right



Power:



50



Duration:

0.8

Rotations

Down



Next Action:

☐ Brake

☐ Coast



1



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