

Debugger

Program

Robot

/EX Start Page | Graphical002.rbg | Graphical003.rbg | Graphical004.rbg | Graphical005.rbg | Graphical006.rbg

1

moveMotor (clawMotor , 2 , seconds , 50);

2

moveMotor (armMotor , 2 , seconds , 50);

3

forward (5 , seconds , 50);

4

moveMotor (armMotor , 2 , seconds , -50);

5

moveMotor (clawMotor , 2 , seconds , -50);

6


backward (5 , seconds , 50);

7

Challenge Pack

Basic Movement > Cargo Transport Challenge

New Progress Badge Earned



SPECIAL DELIVERY CHALLENGE

Special Delivery

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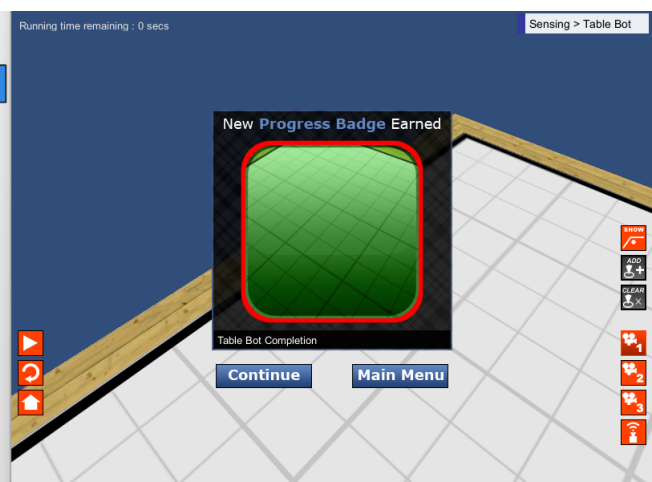
1

2

3

Wi-Fi

```
1 repeat (forever) {  
2   if ( SensorValue[lightSensor] >= 5 ) {  
3     backward ( 1, rotations, 50 );  
4     turnLeft ( 1, rotations, 50 );  
5   } else {  
6     forward ( 1, rotations, 50 );  
7   }  
8 }  
9
```



```
1 moveMotor ( armMotor , 1 , seconds , 50 );
2 forward ( 5.2 , seconds , 50 );
3 moveMotor ( clawMotor , 1 , seconds , 30 );
4 backward ( 2 , rotations , 50 );
5 turnRight ( 1 , rotations , 50 );
6 forward ( 1.5 , rotations , 50 );
7 turnLeft ( 1 , rotations , 50 );
8 forward ( 9.3 , rotations , 50 );
9 turnLeft ( 1 , rotations , 50 );
10 forward ( 1.4 , rotations , 50 );
11 turnRight ( 1 , rotations , 50 );
12 moveMotor ( clawMotor , 1 , rotations , -50 );
```



Start Page | Graphical002.rbg | Graphical003.rbg | Graphical004.rbg

```

1 setMultipleMotors ( 50 , leftMotor , rightMotor , noMotor );
2 setDistanceMaxRange ( distanceMM , 470 );
3 setDistanceMinRange ( distanceMM , 0 );
4 while ( getDistanceValue(distanceMM) >= 465 ) {
5   turnLeft ( 20 , degrees , 100 );
6 }
7 waitUntil ( getDistanceValue(distanceMM) <= 465 );
8 turnLeft ( 60 , degrees , 100 );
9 repeatUntil ( getDistanceValue(distanceMM) <= 50 ) {
10   backward ( 0.1 , rotations , 50 );
11 }
12 wait ( 5 , seconds );

```

