CO452 CeeBot Logbook

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# Task 1\_3: Move and Turn

## Program Description

Write a program in which the vehicle will move and draw and L shape 20 units by 20 units in blue

## Input-Output Diagram

showing the user inputs and outputs for the program

Program

## List of Variables

|  |  |  |
| --- | --- | --- |
| Identifier | Type | Meaning |
| size | int | Size of one leg of the L shape |
|  |  |  |
|  |  |  |

## Program Algorithm

1. Select the blue pen
2. Put the pen down
3. Move 20 units
4. Turn 90 degrees
5. Move 20 units

## Test Plan

Actual results are left blank at this stage and filled in after the program has been written.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Test No. | **Inputs** | | **Expected Outputs** | | **Actual Outputs** | |
|  |  |  |  |  |  |
| 1 |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |

## Program Code

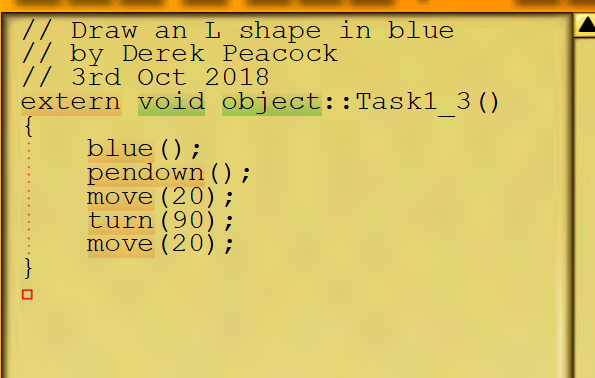
blue();

pendown();

move(20);

turn(90);

move(20);



## Screenshots



# Task 1\_4: Move an Object

## Program Description

The vehicle must grab the titanium cube move to the platform and drop the cube