

## Task 1.1 - Line Following Robot

### Assignment :

Using the functions i.e - `forward()`, `_delay_ms()`, `left()`, `right()` and `stop()` provided to you in the **CB project** folder, write a program to make the robot move in the shape as given in the V-REP scene “*Assignment.ttt*” and also shown in Figure 1 below.

Write your code in the function `e_shape()` in the file `CB_Task_1_Sandbox.cpp`. Call `e_shape` in the main function in the file `CB_Task_1.cpp` and also refer the figure below:

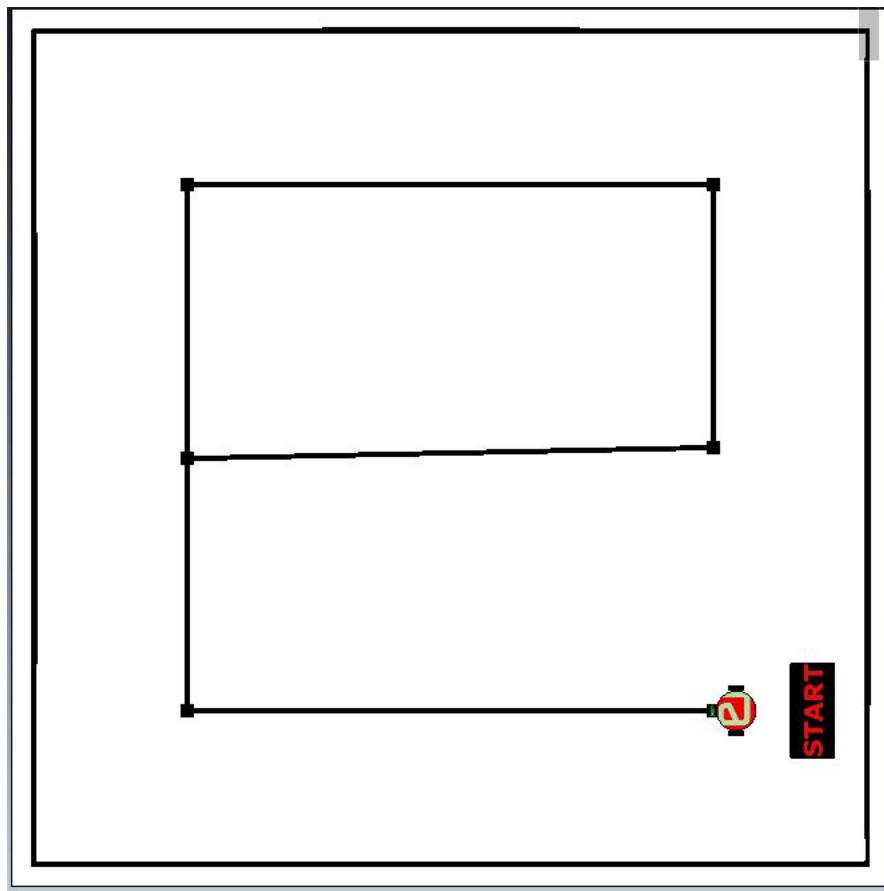


Figure 1: Assignment

Make use of the documents, “*Predef.pdf*” and “*Modules for Robot.pdf*” to know more about predefined functions and line-following sensors respectively.

**NOTE:** This assignment is provided for your practice so that you can do the actual Task 1.1. It will be highly appreciated if you complete assignment before Task 1.1.