

Digital Control

LABORATORY REPORT

Raspberri pi and Nodemcu



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Introduction

In this experiment , we intend to rewrite the code ,that was written in C language , in Python language .

High level functionality of python has made the code much shorter . The main structure of this code is the same as the last code , that way in first step , it tries to connect to the serial port .

Then in an infinite loop , it waits for user to retrieve the keyboard , then according to the key pressed , the speed of robot motors will update and if user doesn't press any key on keyboard , the speed will set to zero .

Note :

to understand and to show better and more , we explain the code as comment through the Python file

you can see the code in the same directory that this report is .