Lab - 03
Python – Hello World Program

Problem

Run your first python program "Hello World!"

Solution

Things you will need:
Raspberry Pi + SD Card
Keyboard + Mouse
Monitor + HDMI Cable
Power Supply

Discussion

1. Start by opening a Terminal, by click the icon in the taskbar.
2. Start by creating a new directory, this is where we are going to store all our scripts for this series of worksshop, make a directory called iotworkshop:
   mkdir iotworkshop
3. We can use the command ls -l to view the contents of the current directory:
   ls –l
4. You should be able to see the directory you created.
5. Now we need to change our current directory to the newly created iotworkshop directory:
   cd iotworkshop
6. We can use the command nano, to open it in a text editor.
   sudo nano helloworld.py
7. Now enter the following code:
   #!/usr/bin/python
   print "Hello World!"
8. Press ctrl+X to exit, you will be prompted to save the file, simply press Y, and then be you will be prompted to give the file a name.
9. It will automatically use its current name helloworld.py, so just hit enter to accept.
10. To execute your script, simply enter the following command:
    sudo python helloworld.py