**Setting up of pyModbusServer**

\*Respective code for pyModbusServer has been uploaded to Github

To run the Modbus Server

1) Command prompt > cd Python > python Simple\_ModbusServer.py

Graphical user interface, text, application

Description automatically generated

**Setting up of python code to read time taken for Modbus communication**

\*Respective codes to test 1 register 10 cycles, 1 register 1000 cycles, 1000 registers 10 cycles and 1000 registers 1000 cycles has been uploaded to Github

1. Python > Read\_Cycle.py

Graphical user interface, text, application

Description automatically generated

1. Inside Read\_Cycle.py file

* To change host IP accordingly to the RaspPi and this is where you change the number of cycles

A picture containing company name

Description automatically generated

* Change port to 10502



* To change the number of registers

Graphical user interface, text, application

Description automatically generated

e.g., 1 register (top) and 1000 register (below)

Text

Description automatically generated

Text

Description automatically generated

**To view the time taken for data transferred between Modbus Server and Client**

The data is saved in the file “test\_1k.txt”.

Graphical user interface, text, application

Description automatically generated

Data can be saved in different files if edited according in the code below “fp=open(‘test\_1k.txt’,’w’)”

Graphical user interface, text, application

Description automatically generated