**Project** :- Create program to send data to a digital board containing Rasberry pi

Day 1:

Understand socket programming

Day 2:

Understand the python code for creating server and client

Link to reading material-

<https://www.geeksforgeeks.org/socket-programming-python/>

<https://realpython.com/python-sockets/>

Day 3:

Send a string to the local host using the client and server created

Day 4:

Send a file using ftp server

Reading material –

For creating server and client

<https://www.bogotobogo.com/python/python_network_programming_server_client_file_transfer.php>

file reading - <https://www.w3schools.com/python/ref_func_open.asp>

Day 5(7/9/19):

Unsuccessful in sending the image using ftp server.

Got encoding error.

Need to encode in a proper format for the image.

Hence using json to do the job.

Hope it works.

Json important functions :

Json.dumps() -- The json.dumps() function (which means “dump string,” not “dumps”) will

translate a Python value into a string of JSON-formatted data.

Json.loads() --To translate a string containing JSON data into a Python value, pass it to

the json.loads() function. (The name means “load string,” not “loads.”)

**To convert .ui into .py run this command in cmd: -**

Pyuic5 –x filename.ui –o outputFileName.py