Section #7 Handout

Write a TCP Client in Python and send a message to your GSI!

Here are some guidelines for doing so –

1. Import `socket` and `sys` modules

2. Create an IPv4 and TCP socket `s`, using the following command:

   ```python
   s = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
   ```

3. Connect to your GSI’s server running on port 50000

   ```python
   s.connect(('<server IP address>', 50000))
   ```

4. Send your message!

   ```python
   s.send("<your message>"
   ```

   Alternately, you can read the message from stdin:

   ```python
   s.send(sys.stdin.readline())
   ```

   You can put this command in a loop to send multiple messages through a single connection.

5. Close your socket once you are done.

   ```python
   s.close()
   ```