

## **CS302 Computer Network Lab**

### **Assignment 5**

Submission details: Code and Report (soft copy)

References:

- <https://www.geeksforgeeks.org/secure-socket-layer-ssl/>
- <https://docs.python.org/3/library/ssl.html>
- <https://en.wikiversity.org/wiki/Wireshark/TCP>
- <https://www.youtube.com/watch?v=U9i7rWV-Gxo>

### **Questions**

1. Develop a code to illustrate a secure socket connection between client and server.
2. Capture TCP Packets and:
  - a. Analyse the three-way handshake during the establishment of the communication.
  - b. Identify if there are any retransmitted segments.