Lab Assignment 3

Goal: In this lab, you will learn what the pros/cons of TCP and UDP sockets. The assignment will also give you the intuition of concurrency.

1.) If you have implemented Lab assignment 2 using TCP socket, then implement it using UDP socket or if you have implemented it using UDP socket then implement it using TCP socket in this lab.

2.) Write a Program to implement file transfer between two systems in the network using socket programming.

3.) Have a look at the attached code and explain what it does.

Question:

• Which type of application is better off with TCP, which with UDP? Discuss the
  trade-off between reliability and performance.