

Lab 02

Socket Programming

1. Write a program that find the service name according to given port number for e.g. if user enter 80 then it should be display **Port: 80 => service name: http** and if user enter 25 then it should be display **Port: 25 => service name: smtp** and so on. For port number check this below link:
<https://www.geeksforgeeks.org/50-common-ports-you-should-know/>
2. Create a Client Server program where the communication between client and server should be stored in the Text File.
3. Create a Client Server program for FAST-NUCES where client request for the grading scheme (enter marks) and server response the answer according to FAST-NUCES grading scheme (respond grade according to client enter marks).