



Birla Institute of Technology & Science, Pilani

Pilani Campus

II SEMESTER 2020-2021

LAB-2 EXERCISE

Course No.: IS F462

Course Title: Network Programming

Deadline: As per website

Maximum Marks: 20M

Write a program to test the scalability of select() and epoll().

- Create N processes. N to be taken as an argument.
- Testing is done by incrementing fds from 10 to 100 to 1000. These fds are created by child processes.
- Parent process creates a TCP server and each child creates a number of connections to parent. Child randomly sends data on the socket.
- Print timings for both select() and epoll() for 10, 100 and 1000 fds on the console.

Files Expected: A tar file <idno>_lab2.tar containing select_epoll_test.c and makefile to compile your program.

Upload in [Canvas](#).