



Birla Institute of Technology & Science, Pilani

Pilani Campus

I SEMESTER 2020-2021

LAB-3 EXERCISE

Course No.: IS F462

Deadline: 30 Oct 2020

Course Title: Network Programming

Maximum Marks: 20M

Write C program validateWebServer.c that does the following.

- This program reads from a text file 'webpages.txt' that has one webpage URL per line. Each webpage is a url such as <https://www.bits-pilani.ac.in/Uploads/BITSAT-2020/BITSAT-2020-Brochure.pdf> It has domain name and the path of the file.
 1. Verify whether domain exists or not
 2. Verify whether that domain runs a webserver at 80
 3. Find which other important port numbers (1-1024) are used by services in that server
- Do these things (1-3) for every webpage specified in the text file. Print the results to screen.

Files Expected: A tar file <idno>_lab3.tar containing validateWebServer.c and makefile to compile your program.

Upload in [Canvas](#).