

# **IS F462 Network Programming**

## **I semester 2014-15**

### **Lab6 Exercise**

Write C program validateWebpages.c that does the following.

1. This program reads from a text file 'webpages.txt' that has one webpage URL per line.
2. Each webpage is a url such as `csis.bits-pilani.ac.in/faculty/khari/NetProg141/labs/ISF462_lab8.zip` It has domain name and the path of the file.
3. Verify whether domain exists or not by finding a corresponding IP.
4. Verify whether that domain runs a webserver at 80 by using `connect()`.
5. Verify whether the page exists by sending a HTTP GET request.
6. Do these things (3-5) for every webpage specified in the text file. Print the results to screen.

Expected files: webpages.txt, validateWebpages.c

Submit `fullidno_lab6.zip` file latest by 9 AM on 8<sup>th</sup> Nov through [isf462@gmail.com](mailto:isf462@gmail.com) with the subject: NP141-lab6-exercise