Faculty of Engineering

Computer & Systems Eng. Dept.

Computer Networks

Project Documentation

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Project Description

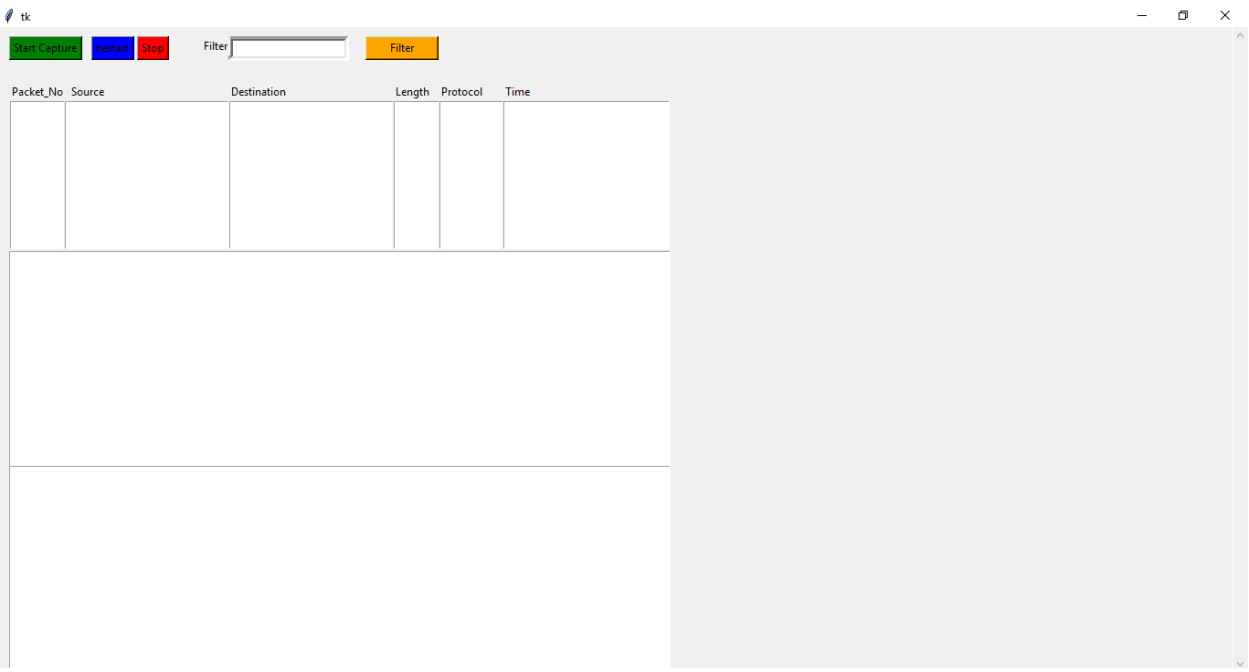
The objective of the project is to make simulation for Wireshark program that is the world's foremost and widely-used network protocol analyzer. It lets you see what's happening on your network at a microscopic level.

The application can :

1- Capture packets
2- Filter it by filter type (HTTP,TCP,……etc)
3- Show data for any packets and its details
4- Stop capture at any time and restart it also

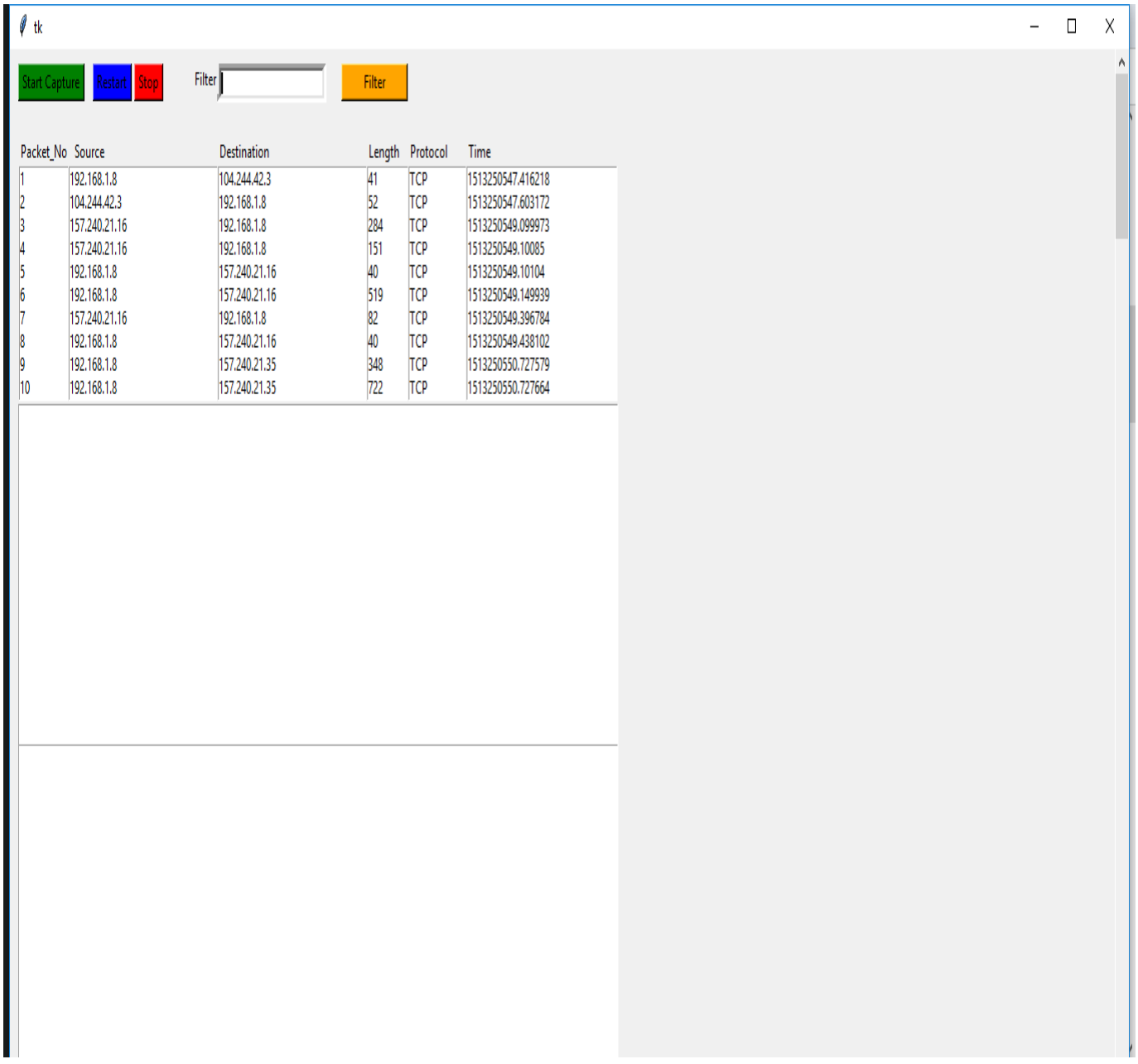
Application written by python programming language and made GUI with thinker, code of it uploaded on GitHub.

GUI

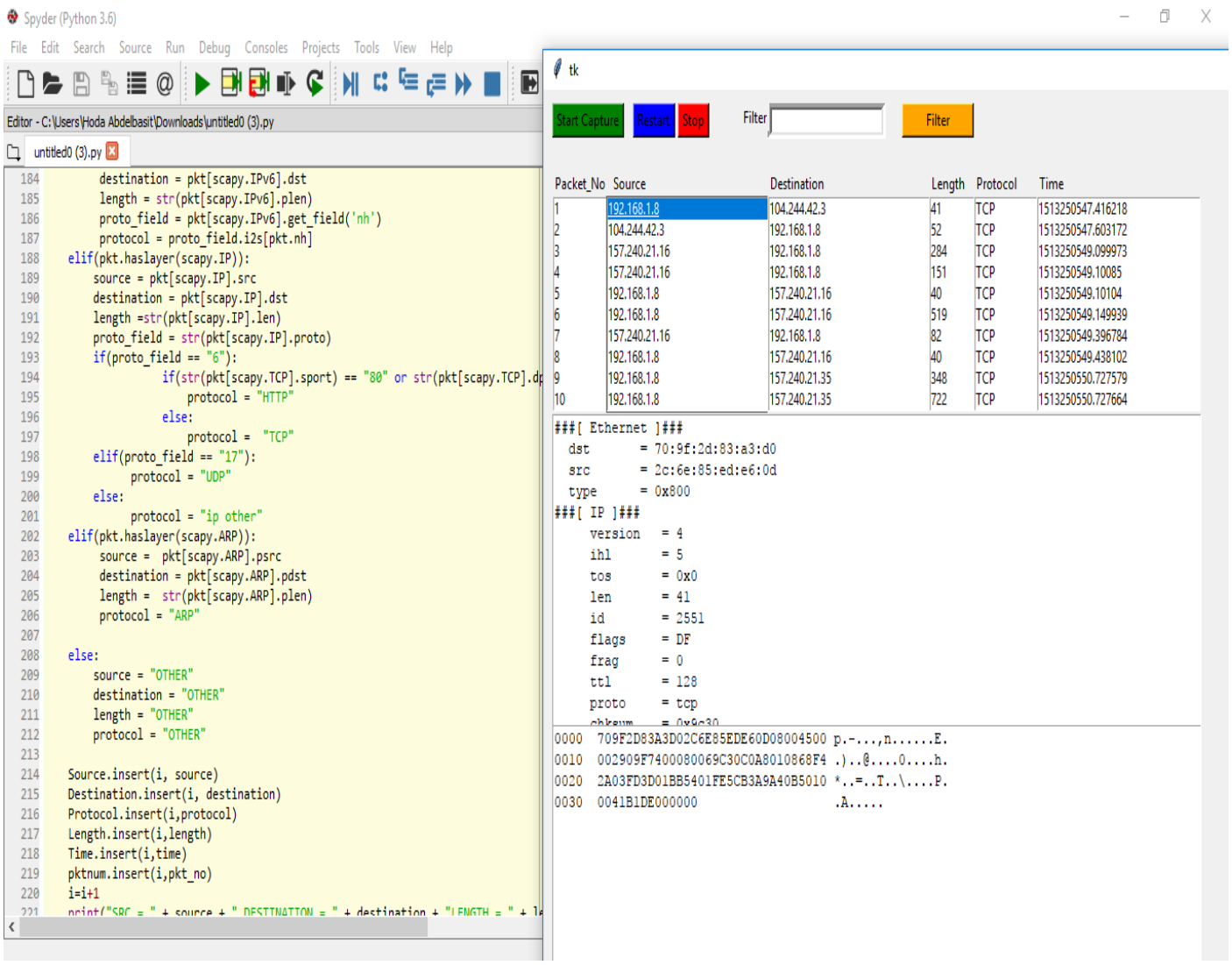


Application Functions details:

Capture packets



Show packet details and data



Filtering packets with filter type