NCTU CN2018 Lab. 1 – Packet Manipulation via Scapy

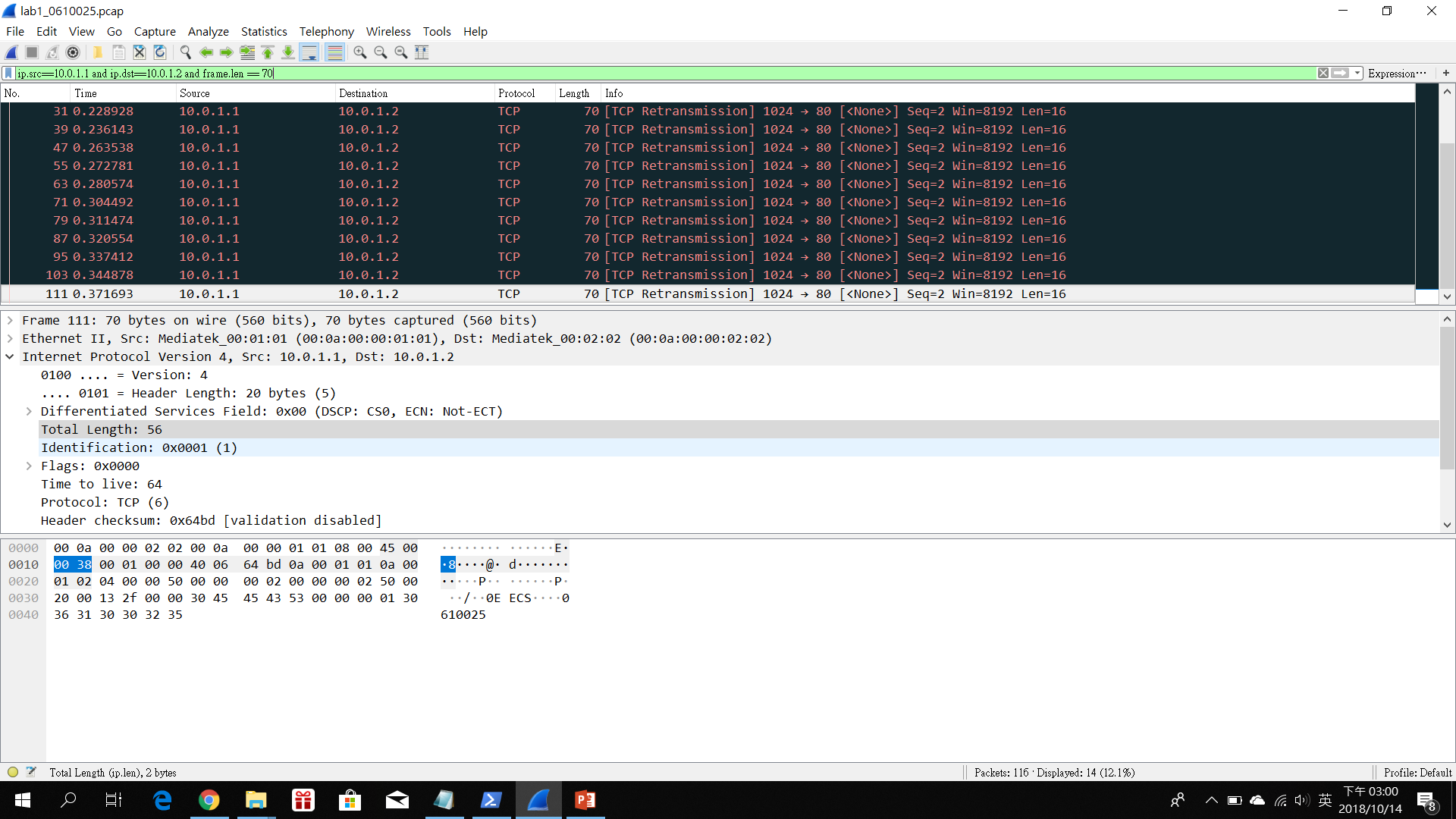
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Part A. Question

1. What is your command to filter the packet with customized header on Wireshark?

ip.src==10.0.1.1 and ip.dst==10.0.1.2 and frame.len==70

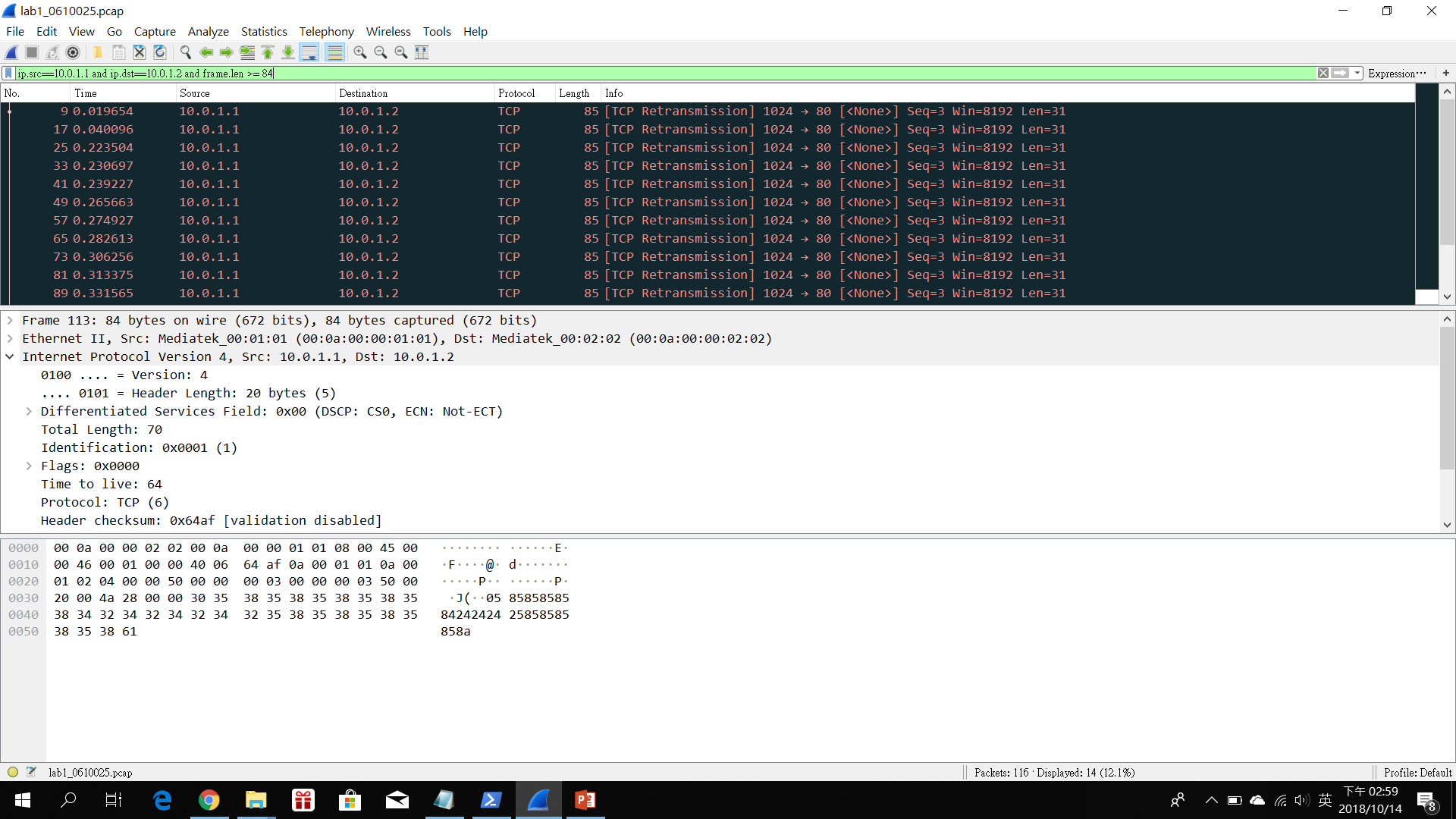
1. Show the screenshot of filtering the packet with customized header.



1. What is your command to filter the packet with “secret” payload on Wireshark?

ip.src==10.0.1.1 and ip.dst==10.0.1.2 and frame.len>=84

1. Show the screenshot of filtering the packet with “secret” payload.



1. Show the result after decoding the “secret” payload.

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Part B. Description

Task 1 –Environment setup

* Configure Dockerfile
* Download base image
* Update software respository
* Install the respository that we update
* Install pip package
* Set the port
* Download the required files from TA’s GitHub
* Build the container with Dockerfile
* Open the CMD and change the path to ./docker/
* Build a container at cn2018, named cn2018\_c
* Set the port 22 to map on cn2018\_c
* XDD