LAB EXERCISE - 5

Trace FTP using Wireshark.

Objective:
To understand the working of File transfer Protocol

EXERCISE QUESTIONS:

URL: ftp://ftp.cdc.gov/

1. Identify the protocol that is used by transport layer for establishing FTP connection.
2. What is the sequence number of the TCP SYN segment that is used to initiate the TCP connection between the client computer and ftp.cdc.gov?
3. What is the sequence number of the TCP SYN ACK segment that is used to initiate the TCP connection between the ftp.cdc.gov and client computer?
4. List the values of all the fields in TCP ACK segment.
5. Identify the FTP commands and response codes during the FTP session.
6. What is the username and password used to access FTP server?
7. Type this in filter "tcp and ip.addr==198.246.117.106" (hint: nslookup ftp.cdc.gov) and Identify the flags that are set to 1 on successful login.
8. Identify the phrase and code of the Retrieve and Quit command response.