

You may discuss these questions with your classmates, as it may be helpful to gain a good understanding of the topic. Nonetheless you should always submit your own work!
Use a word processor to answer these questions, attach this questions page to your answers.

Question 1.

Depict the IP datagram format (IPv4). Indicate each component and explain its purpose.

Question 2.

Indicate the 5 classes of IP address formats in IPv4. Explain the purpose of each of them.

Question 3.

Depict the UDP segment format. Indicate each component and explain its purpose.

Question 4.

Within the context of the Hypertext Transfer Protocol (HTTP), describe the difference between safe and unsafe methods. Mention four safe methods. You may need to do some literature search.