Tutorial 10

Instructions

1. Form ad-hoc groups of 2 to 3 students to solve this week's exercise.

2. Each group must answer the following review Q's

3. Each group will use shared google docs to work with all group members and tutor. The document must include the group members' names and the tutorial sheet number.

Review Questions

1. Explain what **multiplexing** is, List and define the **three** main types of Multiplexing?

2. Explain **Frequency hopping spread spectrum (FHSS)**

3. Explain **Direct Sequence Spread Spectrum (DSSS)**

4. How is interference avoided by using frequency division multiplexing?

5. List **four** common **LAN topologies** and briefly describe their methods of operation.

6. What is the difference between a **hub** and a **layer 2** switch?

7. What is the difference between a **store-and-forward** switch and a **cut-through** switch?

8. Explain mixed configuration with reference to Ethernet, and other high-speed Ethernet technologies?

9. What is Fiber channel and list Fibre channel requirements?