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1). Problem Statement: There are is an organisation A with multiple departments, Design a network for the HR department and the size of the department is 10 users.

Objective: Understanding of LAN network

Description: how to add connections between different computers and other devices in the same network.

Steps:— • Drag and drop 10 PC from left bottom to working area and add switch, switch will help to establish LAN connection b/w PC's.

step 2: Connect them with copper straight and give different fast ethernet connection.

step 3: give all PC IP address and subnet mask by manually.

step 4: To check the connection by ping command open command prompt by clicking on one PC then go to desktop and enter ping command with IP address of 5th user/PC.

