

1. Design a Local Area Network utilizing Packet Tracer.

Procedure:

Step 1: Select two PCs (PC0 and PC1), and one fast ethernet switch (2950/24 ports)

Step 2: Connect the PCs and switch via copper cable. Please verify the connection is good.

Step 3: Ensure the PCs are communicating

Step 4: Ping both PCs to check their working status.

When done, save it as .pkt and send it to my email: prince.oberko@upsamail.edu.gh
Please Indicate Full Name, index number, and class as the subject of the email)

2. Convert base 10 to base 2.

Convert 90_{10} to a binary Number

Convert 111_{10} to a binary Number

Please show working and submit it at the next class. (Indicate: Name, index number, and class)

NB: Question 1 is to be submitted latest by 11:59 pm, 24th October 2023. Any assignment (email) that comes after that will not be considered

Question 2 is to be submitted physically at the next class.