Computer Networks

(10 marks)
Question 01: Complete the following network in Packet Tracer:

Network-1:
1. **Add a PC**
   a. **Assign IP address (last 2 digits of student ID for each octet)**
   b. **Example: ID = 201764, IP = 64.64.64.64**
   c. **If last 2 digits of your ID are 00, then assign 100.100.100.100**
2. **Add a Switch (2960)**
3. **Connect the PC to the Switch**
4. **Capture screenshot of the "IP configuration" of PC**

Network-2:
1. **Add a PC**
   a. **Assign IP address of 192.192.192.192**
2. **Add a Switch (2960)**
3. **Connect the PC to the Switch**
4. **Capture screenshot of the "IP configuration" of PC**

Add a Router (2911):
1. **Connect both of the Switches to Router keeping in mind the respective Port (FastEthernet or GigabitEthernet)**
2. **Assign IPs to both of the Router Interfaces i.e. one for Network-1 and other for Network-2**
3. **Capture screenshots of Both of the Router Interfaces**

PING:
1. **Send PING request from Network-2 i.e. PC = 192.192.192.192 to the Network-1 i.e. PC = IP with your Student_ID last 2 digits**
2. **Capture the screenshot of "PING Request"**

You'll have 5 screenshots in total.

NOTE: Plagiarism, Cheating or Discussion in the Quiz will result in 0 marks.