# ANSWER 1:

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Course - MCA    Section - B.

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Subject name - Computer Network

Subject Code - TMC 203.

**Ans 1)** <u>Problem Statement</u> - Connecting 10 PCs and showing network between them and connection between 1st and 5th PC.

<u>Objective</u> - To understand how to create a lan using switch in packet tracer.

<u>Description</u> - Network - A computer network is a group of computers that use a common communication protocols over digital interconnection

Steps for network design :-

<u>Step 1</u> :- Drag and drop 10 PCs from 'End Devices' and one '2960 - 24TT' switch from 'Switches'.

<u>Step 2</u> :- Now connect all PCs with switch using 'Straight Cable'

Network created.

Step 3:- Click on 1st PC, go to 'Desktop' open 'IP configuration'

Step 4:- write IP address and click on 'Subnet Mask'.

Step 5:- ~~Do ste~~ Continue step 3 to step 4 to get all IP address for all PCs. IP address created.

Step 6:- ~~Go~~ Click on 1st PC, go to desktop then click on command prompt then write command.

ping 192·168·1·5

to ~~connect~~ show connection between 1st & 5th PC.

connection showed.