Name :   **Usama Yazdani**

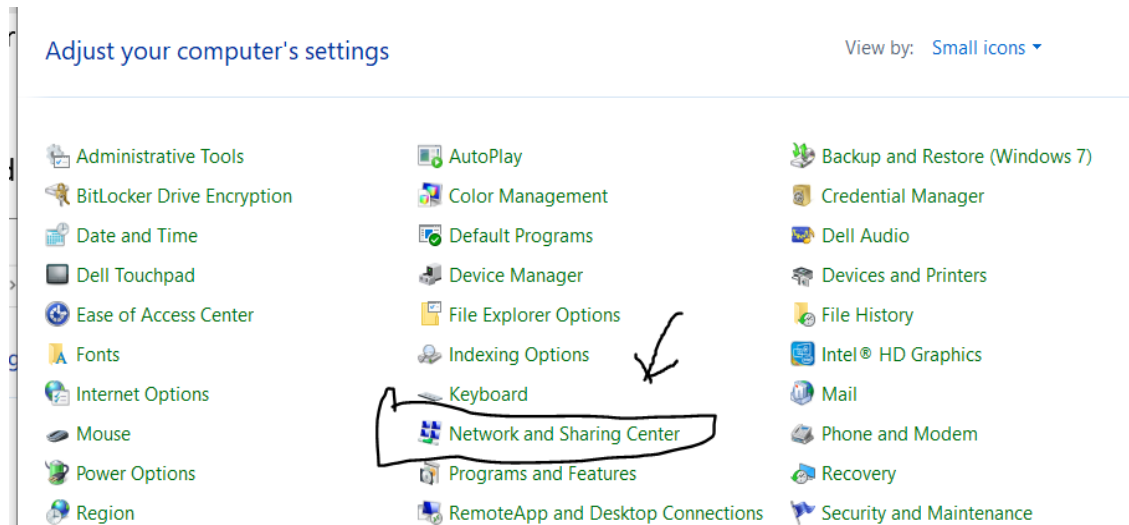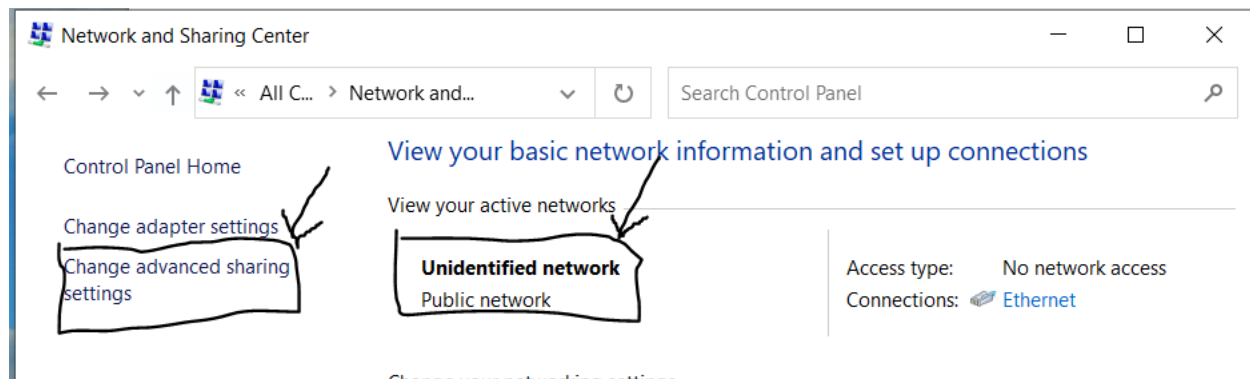**Roll no:**   **p200598**

Section: BCS(5B)

For PC no 1:

> Connect two Pc with Ethernet cabal then
> Open control panel
> click on network and sharing center

Adjust your computer's settings

View by: Small icons ▾

Administrative Tools	AutoPlay	Backup and Restore (Windows 7)
BitLocker Drive Encryption	Color Management	Credential Manager
Date and Time	Default Programs	Dell Audio
Dell Touchpad	Device Manager	Devices and Printers
Ease of Access Center	File Explorer Options	File History
Fonts	Indexing Options	Intel® HD Graphics
Internet Options	Keyboard	Mail
Mouse	Network and Sharing Center	Phone and Modem
Power Options	Programs and Features	Recovery
Region	RemoteApp and Desktop Connections	Security and Maintenance

> Click on advanced sharing center option

Network and Sharing Center   — □ ✕

← → ∨ ↑ « All C... › Network and...   ∨   ↻   Search Control Panel   🔍

Control Panel Home

Change adapter settings

Change advanced sharing settings

View your basic network information and set up connections

View your active networks

Unidentified network
Public network

Access type: No network access
Connections: 🖧 Ethernet

Change your networking settings

> Click on All Networks
> Turn on the public folder sharing
> Turn off password protecting sharing
> Save the Changes

Advanced sharing settings   —

← → ⌄ ↑ « Netw... › Advanced sh...   ⌄   ↻

each profile.

Private ——— ⌄

Guest or Public (current profile) ——————————————————————————————————— ⌄

All Networks ——— ⌃

  Public folder sharing

  When Public folder sharing is on, people on the network, including homegroup members, can
  access files in the Public folders.

    ◉ Turn on sharing so anyone with network access can read and write files in the Public folders
    ○ Turn off Public folder sharing (people logged on to this computer can still access these
      folders)

  File sharing connections

  Windows uses 128-bit encryption to help protect file sharing connections. Some devices don't
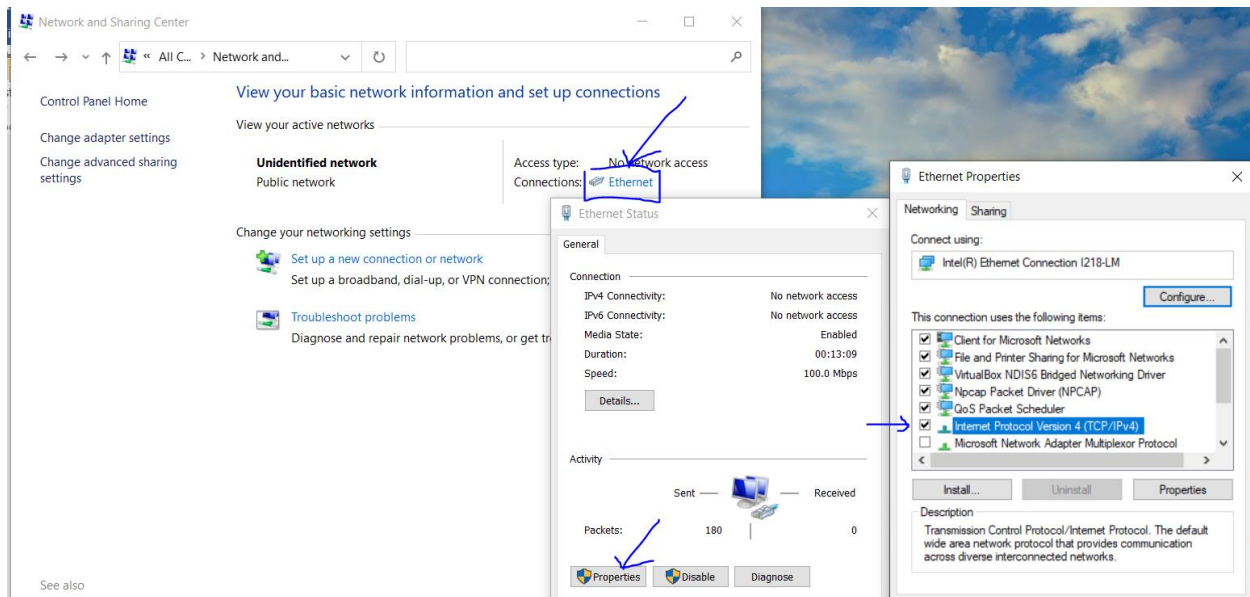 support 128-bit encryption and must use 40- or 56-bit encryption.

    ◉ Use 128-bit encryption to help protect file sharing connections (recommended)
    ○ Enable file sharing for devices that use 40- or 56-bit encryption
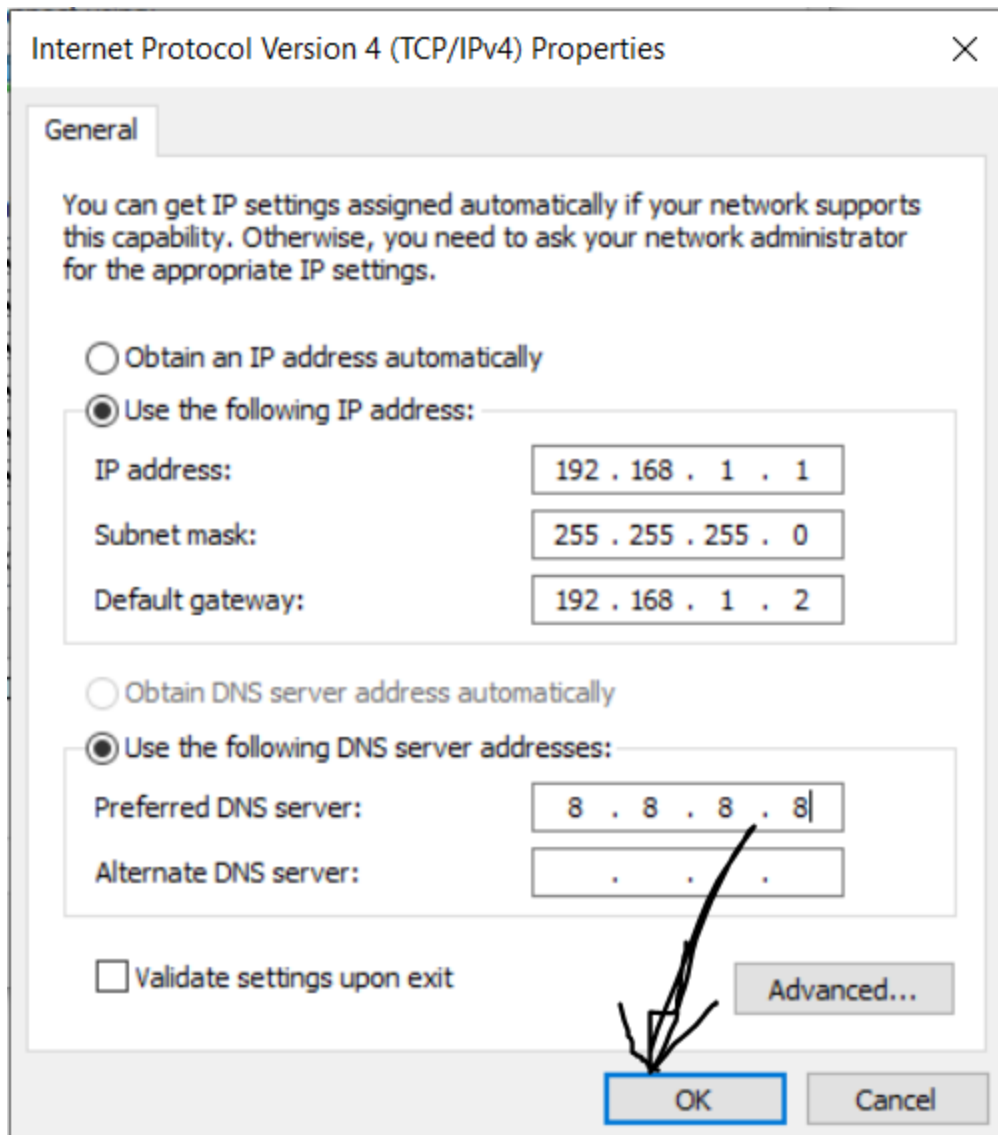
  Password protected sharing

  When password protected sharing is on, only people who have a user account and password on
  this computer can access shared files, printers attached to this computer, and the Public folders. To
  give other people access, you must turn off password protected sharing.

    ○ Turn on password protected sharing
    ◉ Turn off password protected sharing

> lick on the Ethernet
> From properties choose internet protocol version 4
> assign ipv4 address and others

Internet Protocol Version 4 (TCP/IPv4) Properties ✕

General

You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.

○ Obtain an IP address automatically
◉ Use the following IP address:

IP address:	192 . 168 . 1 . 1
Subnet mask:	255 . 255 . 255 . 0
Default gateway:	192 . 168 . 1 . 2

○ Obtain DNS server address automatically
◉ Use the following DNS server addresses:

| Preferred DNS server: | 8 . 8 . 8 . 8 |
| Alternate DNS server: | . . . |

☐ Validate settings upon exit

Advanced...

OK   Cancel
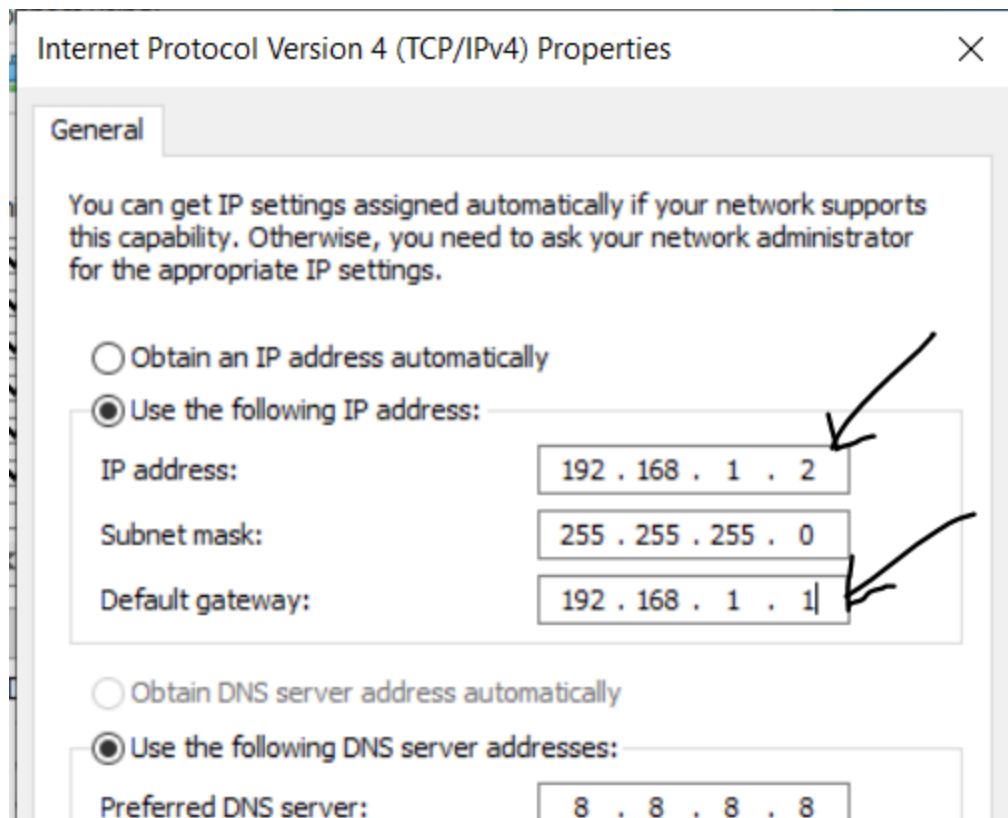
For PC no 2

Repeat Same Steps in PC no 2 only change ip4 address is equal to default gate way of PC no 1

Default gateway is equal to ip4 address of PC no 1

Internet Protocol Version 4 (TCP/IPv4) Properties   ✕

General

You can get IP settings assigned automatically if your network supports
this capability. Otherwise, you need to ask your network administrator
for the appropriate IP settings.

○ Obtain an IP address automatically

◉ Use the following IP address:

IP address:	192 . 168 . 1 . 2
Subnet mask:	255 . 255 . 255 . 0
Default gateway:	192 . 168 . 1 . 1

○ Obtain DNS server address automatically

◉ Use the following DNS server addresses:

Preferred DNS server:	8 . 8 . 8 . 8

> Check Networks 2 PC's are connected with each other through Ethernet LAN wire

Now you can easily share data from PC no 1 to PC no 2 and also from PC no 2 to PC no 1.

‵ 🌐 › Network

ess

    ✓ Computer (2)

📌   🖥 DESKTOP-36H7PUU   🖥 DESKTOP-IF25HBJ

ads 📌

ents 📌

📌

The **End**