# MALIK ZOHAIB MUSTAFA 01-134192-030 BSCS4B

# Q1: Building and Testing a Router based Network

**Tasks:**

# Introduction (devices Connectivity, IP Assigning)

Use a router Switch to connect two PCs

Giving the no shutdown command on interface fastEthernet 0/1

## IP assigning on router FastEthernet 0/0:

IP assigning on router fastEthernet 0/1:

Assign gateway IP

IP assigning on PCs on the left side of the network:

## IP assigning on PCs on the right side of the network:

# Connection Testing

Testing the connection from PC0 to PC3

Testing the connection from PC7 to PC4

Testing the connection from PC1 to PC6

# Packet Simulation

This is a packet simulation for PC0 to PC2 with PC0 being the source and PC2 being the destination.

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