

# ***COMPUTER NETWORKS***

***18CSC302J***

***Mini Project Title: Web Hosting with Port Forwarding***

**SUBMITTED BY:**

- Tejas Ashok (RA1911030010090)
- Mungara Ganesh Haricharan (RA1911030010091)
- P. Reshvanth (RA1911030010099)
- Vishnu Pranav (RA1911030010096)

## Port - Forwarding

### ABSTRACT:

This project aims to implement the concept of port forwarding. Port forwarding allows remote computers to connect to a specific computer or service within a private LAN. Port forwarding is an application of NAT that redirects a communication request from one address and port number combination to another while the packets are traversing a network gateway. With port forwarding we can host a web app or a game lobby to the internet that usually runs on LAN. So, when a PC from the internet sends an HTTP request to the public IP of the server which runs the game or the web app, the request is forwarded to the private address of the server via the router and thus the PC's will be able to communicate back and forth via WAN.

### TOPOLOGY:

