## Assignment - 06

# Title -> TCP Sochets

# Pooblem Statement: Write a program in C/Crt

ung TCP suchets har following

(1) Echo (2) File Transfer (3) Calculator

(3) Toigonometric Calculation.

# Objective: Understand suchet programing showing resources using TCP Produced.

# Outcome: Will be able to implement sochet

programmy using Tel sochets & person

operations using it.

# S/w Regisements:
Linux 64 bt, PC with config.

# 1/w Requirements:

Monitor, Keyboard, Mosse etc.

# Theory

1) Suchet Programing -> It is a way of Connecting 2 nodes on a network to communicate who each other, one server / sochot listen on a port while other client reacher out do dom a connection

Annual Control of Adaptive	
at <sup>2</sup>	1) TO - Transission Control Partocal
	O Connection concented produced, governder that  data trafferred sensors exact 4 arrives  in order
	Tel does flow control 4 requires 3 peched do set up suched communication before any returned sharing.
	3 Handles coros Cheching
Ŧ	# Sochet Types
	1) Stocom soches
)	2 Detagram suchods
	D Ray suched
· ·	9 Sequenced suches.

# TCP Chant - Jarver

Suchet

Sochet

Set Soched

Bind

Listen

Accept

Send | Receive | Check

Server

Check

Soched

Soche

# Conclusion

I successfully learnt & implemented TCP sochets and portion the required operations.