of 10 despte

## Assignment - 05

-) Pooblem Statement : Write a program in Java

wing UPL Sochets to constants

file transfer between two muchines Demundants

the puckets captured towers wing wirestach

lacket Analyzer hol for pers to perso mado.

(i) To understand the concept of Sochet

(ii) Coente & we UPP Sochet

(iii) Transfer File

-) Situac & hardware Regimenants -)
PC with latest or bit Open source Os,
Wireshah Tuil

# Theory

D Sochet Paoyourning:Sochets provide the communication
between the computers.

upp stends for user Dategoen Reducel.
a connectionless protocol that allows for
packets of data to be transfed between
applications.

(ii) In Sochet Programing lot of low-level stift that med to happen ho too corpution to committee in a notwork, but the Java Network Aft (javaned) that are of all that, making network programing very cary.

Datagram Sochets are java's mechanism for notwork committee via VDP indeed of TCP. Java Provider Datagram Sochets to committee are UDP instead of TCP.

Dutagram Sochets can be used to both send of treesing sochets and be used to both send.

17 Creebion of Dutagoan Sorver:

Syntax: public Dutagoan Socher()

public Dutagoan Socher (int poor)

public Dutagoan Socher (ind port, Ind Aldrew)

2) Goeton of Patagon Packet.

(i) To send Pata.

Dutagoun of z patagon Pecket (byte [] but,
int oftset, int bugt, Sachet Addres ad).

(i) To secure Duta:

Dutegour Puched of a Destayou fished (bytel) bold, and langth)

3) Sending & Receiving Puchets.

Send () & Receive () Luctions are wed

to send. & receive Puchets.

Bruno | Page No

Syntax:

ds sand (dp);

# Carcherius

to computer uny UPP suchet programmy.