CIASSMATE Date:
A serie
Title: UDP SOCKET programming
Pursen Statement;
file treansfer (swipt, text, andio and video one file each)
treach whichark passet as
wineshark).
objective:
· File treansfer using VBP.
Outrome:
· Implement UDP rocket judgecamming
Theory:
VDP is a communication with the
for establishing low - latent and loss - tolerating wind connections between applications on the internet
to speeds up tuansmirations by enabling the treamper or
pourry has a nevert wor is beneficial in the according
system (DNS) sookup, and video or audio prayback.

Classmate · UDP provides two survices not provided by the IP rayer . It provided pout numbers to help distinguish different were requests and optionally a checksum capability to nevity that the data acceived intact Features of UDP: It allows packets to be despited and received in a different order than they were treansmitted, markly it suitable box real time applications where ratercy might be a concern. It can be used for tuensaction - bared prestocols , such as DNS or Network Time Proposal (NYP) It can be used concue a large numbers of whents are connected and where wat the every convection isp't suguissed. such as gaming, voice or video unferencing and streaming media. UDP characteristics include the gallology: -It is a connectionally protocol. - to is used bou vost, video conferencing, gaming and une broadcasts. - et & gastre and needs paster resources. The pockot don't necessarily arrive to order - It allows mirring packets - the rendere is unable to know whether a packet has been reclemed. - It is better suited bor applications that ned bast, efficient treammittons, such as games.

CIASSMALE went servere model. The ocenario of the wient and server on the same word nework currally called war, weat Anel wetwork) went serner operamy operamy System system LAN Durney LAN Duney LAN LAN Route WAN | Enternet Router (Router rig. went & surer com different womented through LAN Interest UDP SOCKET API! There are some fundamental differences server TCP & UDP sockets. UDP is a connectionalors, unacliable, dataquam preotocol (tCP is instead connection -ouiented reciarie, and oriecam based). There are some morances when it makes to use upp instead of Ter, some popular application someth will around Upp are DNS, NES, some and for example , some skype severice (streeaming

media.



Conclumb 1

mence, we studied and implemented purpulary to demonstrate vor vocket purpularing government purpularing governmented gover