20/7/21 EXN0:2

Study of Basic functions of Socket programming.

Am : To study barrer financions of socket programming.

Man connect

ato unionate a connection on a socket.

- > If the connection or bindling succeds,
- -> Otherwore, on error -1 us returned and error number es set appropriately

man accept

- -> accept /veget 1006 is sent to a dishination
- > It i'ns mus the previous system to accept print So bs to the specifical destination
- ->-> -> 3ets the reason for rejecting
- Jerren Encryption when anneching h

Man send

- -s sende a massage from socket
- -> send, send to, sendmag
- Schol can only be used when the 80 Chet is in a connected state.
- > The parameter is the file descriptor of sending sockel.

Man sech

- -> receive a message from a soutet.
- -> Secv, recusom, recumsq
- widelying provided provides the src colds, this src addris filled

- -> Reads from a socket.
- -> read, readonly, return

war my, is

- -> sends a message to another
- -s who he ellows you to commune cale when other was by copying him from termional.
- > If other user counts to reply they must nus write as well and Word The

Ef confing

- La configures a network interface
- -> used out book tome to set up Interfaces as necessary.
- -> After Heat, weeded only when de bugger ng or humang-is the
- If no disprements are given por confog dispolars too stance of aurently outher Lenterfood.

wan bind

- biende a unieque docal name 10 the socker on the grow hos Societ.
- wording of a stocket is done no address and post on order so receive clara on this Socket.

hons I man hono 1

value between chose and L> converts wereask plue ouget.

- -> htonic) function contents the unergoned integer host long. from host byto order to network byle order.
- -shrons() converts the unsigned shore Putegrou Grove short from host byte order to namore by no order.
- -> non (c) converts the analyned renteger Net cong from ne habit byte order to hist.

nan gethost name

-> gethost name / sethost name -> To get/set host have.

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- -> Weed to change the hop have of the current
- > gathost warro() returns. NULL torminated Gostname in the away name that book or length of los Lytes.
 - -> NULL terminated than nostname of Del not Set 2 no beach 13 severed synostrame is municated.

man gethostbyname

- a) gethostbyrane, gethostbyadda, sethostone, end nostret merror, hate - error -get nemark sust entry.
- -> Severage Educaco Severes a guierino of Mpe nostnee for the given bus trains
- -5 Nano > most name or Flore April and could do notarion
- -> Desurgiph odger() Bunch of the nortant / sust address length.

- -> Address Types AF INET JAF INETG.
- > sethostent () -> stay open to me(1)
- -> TCP 80ctor convenion should be ofen.
- -s server quara for UPP clatagran
 as end nocteral () enals the was for
 TCP convection.
- -> member are, h_norme, h_aliases > h_addrhyps,
 h_length, h_addr-wst >h_addr-

Result

Thus the borner functions cared for Socket programming was shicked

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with the following the second