lik loger

dur : Weste a program de implement flow central at data link layer using sleding window postoral. similate the flow of framer from one mode to oratter

Greate a suder program with the pllouring features :-

1) Input window size from the was

2) Input a test message from the

3) Coulder 1 character per france.

A) Oeste a frame with frame ho data.

5) seed the frames.

1) Wait for the acknowledgement from the seceiver.

7) Reader a file Colled Receiver. buffer.

8) shock Ack field for the acknowledgement number.

a) If the acknowledgesent pumber is expected and new set of forces,

cuerdugly belse if NAC is soul, desert the frames audiques Greate a receiver file with the following fatures 7- To

1) Redes a file called seeder hips

2) chack the frame no.

3) If the frame are as expected wite the appropriate Ack no in the Deceiver briffer file else write NACK no in the receiver lauffer file else write NACK to in the seceiver buff

Sliding windows Protocol for Serder. # defin SF " Serber heffor . tet"

bus tu, teste tie), remarg-best birt chan cong)

(mi ; tiet := Stait ; i < end ; in)

pritt (f, ")doloch", ing 67,

(f); - 60".

It mais UE

it win bare=0;

chor magrice); druff (size: D) Hen Saif ("I'd", & wir Direc getchor Wind recolled consertable (mog); While Close < n) { interest = base + wis; Italia es serde francis (base, erd, mag). " b./ eshart from the following the loos, end-1). all al. Meso (2) Low type [10] if [! opt - ack (type & wir) contine) boatar Du of God Strong (type, NACK")) : C'al trac remark els ") fluid Sliding window Protocol for receiver: I defin RF #receiver Infortat" Void seed - ack (const charact, with) FIFE = f = fopen (RF, "w"); fprits. (f, "15", 5, 13", 6, 13", filon(f);

it mais Of TAPIT MADE it exp=0; Jacker DE extends con closed the it (= read-frames (fu, d); £ (!c){ slesp (1) Continue; for (int i =0; ix c ; i++){ } (que == [i] 4) fi puit (get iframe 1.d 1.+ ln') fuciD; exp ++; send - ack ("Arts") I else { be smark grace " fring expected /-d \n" seed - ock (*NACK * exp); break; sleep (2);

Sample Input: Ester the ho of frames to seed : Eiszic walion retre output 6: also [East] & the rending franco: 012 Receiver: frame 6 received 3 sending acko Receiver: france! seceived 3 rending Receiver: frame 2 reainel , serding (4x1 834 199) 100 - 6100 Remet: in Completed and executed mucupally