practical - 7

MIM: write a program to implement flow control at data but layer using stiding window protocol. structate the flow of frames from one node to another.

cade should me : revision () Altring two materia

9 ruport gava util . scanner:

public class Main Y

public static void sender (string message, ent nendowsize)

Int num frames = message length ();

char[] trames = message. tochartmay();

Put sent Frame = 0;

while (sent Frame < num Frames) &

system.out.println ("In sender: sending (Member) remains user frames from position "+

(Sent Frame + 1)

man out when I have the make + " to " +

Math. min (sent Frame + windowsize, num Frames));

for C9nt P = sent Frame; P < nath. non (sent Frame + windowsize, num Framed; I (++ in the a budien to confirmed flow system. out. printly ("Frames" + ("+1)+:" frames [?] # " sent."); flew of fames from one ingle to matter system.out.println ("Receiver: Acknowledge readined for frame '+ (sentframe +1)); sent frame ++; System. aut. println l'ecciner: Actualage

received for frame

"In All frames sent accessfully
"); public static void main (Aring [] args) { Scanner s = new scanner (dystem in) system but print ("Enter the message to Oring message = sq. next line ();

System out print ("sater the musiage to send:"); Ent window size = s next line () Int window size = S. nextInt(); reasing the hobided givent reasons for ban sender (message, window size); receiver (message, window size): OUTPUT: Enter the message to send: Hello run Enter the window size: 3. sender: sending frames from position 1 to 3 Frame 1: 'no' sent. Frame 2: 'u' sent frame 3: 'n' sent. peceiver: Actnowledgment received for transp sonder: sending frames from pos 2 to 3. Frame 2: 'u' sent Frame 3: 'n sent. Receiver: Aconolodgment received for tramp

sender: sonding frames from pos 3 63. Frame 3: 'n' sent. pearer: Acknowledgement received for frame 3. Finally, All frames sent successfully. The output have been varified successfully.