Ex:04 NY D=1 YNI Date: 11.09-24 AIM! write a program to implement flow control at data link layer using soliding window protocol. Stimulate the flow of frames from one node to Print (" come ched string: "1. & m" (sme ched) import java. util. scanner; o muter public dans Main & Public static void render string mersage, int wind enter the input string: hable int num Frame = message lengther; betorenen chart J frames = mensage tocharAsray (9; 0) = 0 int SentFrame = 0; of nothing shy would while (Sent Frame 1 num Frames) & (80113 System . Printin ("In Sender: Lending Frames from Position" + (Sentframe+1) + "to" + Math. min (Sent Frame + windowsige, num Frames)); for (int i = Sent Frame; i' & Mooth, min (Sent Frame + window size, num Frames); F++) { System. Out . Println ("Frame"+ (H1)+":"+ frames [i] + " 'sent "); 3 System, out . println ("Receiver! Acknowledgement born situated received proper frame '+ (sent Frame+1)1; Sent Frame ++; herry is sistered System. Out, Println ("In All Frames are sent succernful

Public static void receiver i string message, int window size be bustoner washing probably and water Public static void main (Strings) args) (Scanner a - new Scanner (System. in); System. out. Print (" Enter the merrage to Send!"); String message = a. nextline(); System. out. print ("Enter the Window Size:"); int windowsize = a. nevtInt(); Sender (message, windowsize); Receiver (mersage, windowsize); Octput: Enter the message to send: Cost Erter the window size: 3 Sender: sending frames from position 1 to 3 Frame: 'E' Sent. Frame 2: a' Sent Frame 3: 't' sent. Receiver: + Eknowdgement received for frame 1 Sender: sending frames from position 2 to 3 Frame 2: 'a' Sent Frame 3: 't' Sent Perceiver: Acknowledgement received for frame 2. Sender: sending frames from position 3 to 3. Frame 3: 1 +1 sent. Receiver: Acknowledgement received for frame 3. All frames Sent Successfully.

est, species prints I socioses 2504 sileste stides Result: Thus the desting window protocol in elected and verified. int white with a mitter of devides (massage, windows size); : Lucido Entry the walness site is 8 France 1: 151 Cent. Received: 4 characterist received for flower the carriers of the photograph of the state of