**PROGRAM NO – 4**

**Aim:** Implementation of sliding window protocol.

**#include<stdio.h>**

**int main()**

**{**

**int w,i,f,frames[50];**

**printf("Enter window size: ");**

**scanf("%d",&w);**

**printf("\nEnter number of frames to transmit: ");**

**scanf("%d",&f);**

**printf("\nEnter %d frames: ",f);**

**for(i=1;i<=f;i++)**

**scanf("%d",&frames[i]);**

**printf("\nWith sliding window protocol the frames will be sent in the following manner (assuming no corruption of frames)\n\n");**

**printf("After sending %d frames at each stage sender waits for acknowledgement sent by the receiver\n\n",w);**

**for(i=1;i<=f;i++)**

**{**

**if(i%w==0)**

**{**

**printf("%d\n",frames[i]);**

**printf("Acknowledgement of above frames sent is received by sender\n\n");**

**}**

**else**

**printf("%d ",frames[i]);**

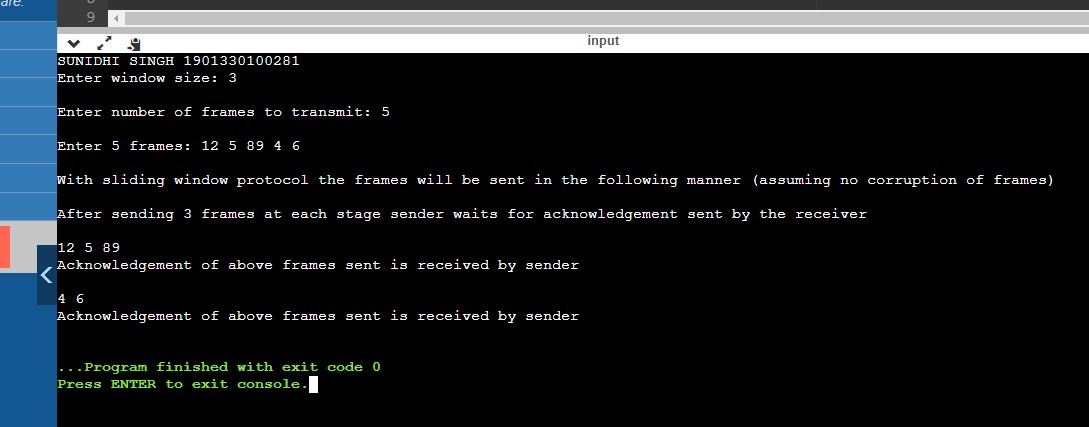
**}**

**if(f%w!=0)**

**printf("\nAcknowledgement of above frames sent is received by sender\n");**

**return 0;**

**}**

****