#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;

}