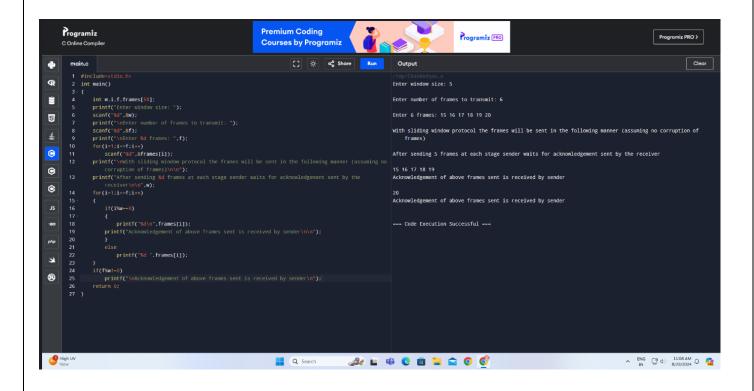
## EXPERIMENT - 7

<u>AIM:</u> - Write a program to implement flow control at data link layer using SLIDING WINDOW PROTOCOL. Simulate the flow of frames from one node to another.

```
CODE: -
# include <stdio.h>
int main()
{
       int w,i,f,frames[50];
       printf("Enter window size");
       scanf("%d", &w);
       printf("\n Enter %d frames:", f);
       scanf("%d", &f);
       printf("\n Enter %d frames:", f);
       for (i=1; i<=f; i++)
              scanf("%d", &frames[i]);
              printf("\n With 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 frames at each stage
sender waits for acknowledement sent by the receiver \n\n", w);
       for(i=1; i<=f;i++)
       {
              if(i\%w==0)
                     printf("%d\n", frames[i]);
              else
                     printf("%d\n", frames[i]);
       }
       if (f%w!=0)
       printf("\n Acknowledgement of above frames sent is received by sender
\n");
       return 0;
}
```

## **OUTPUT:** -



## **RESULT:** -

The code for SLIDING WINDOW have been executed successfully and the output is verified.