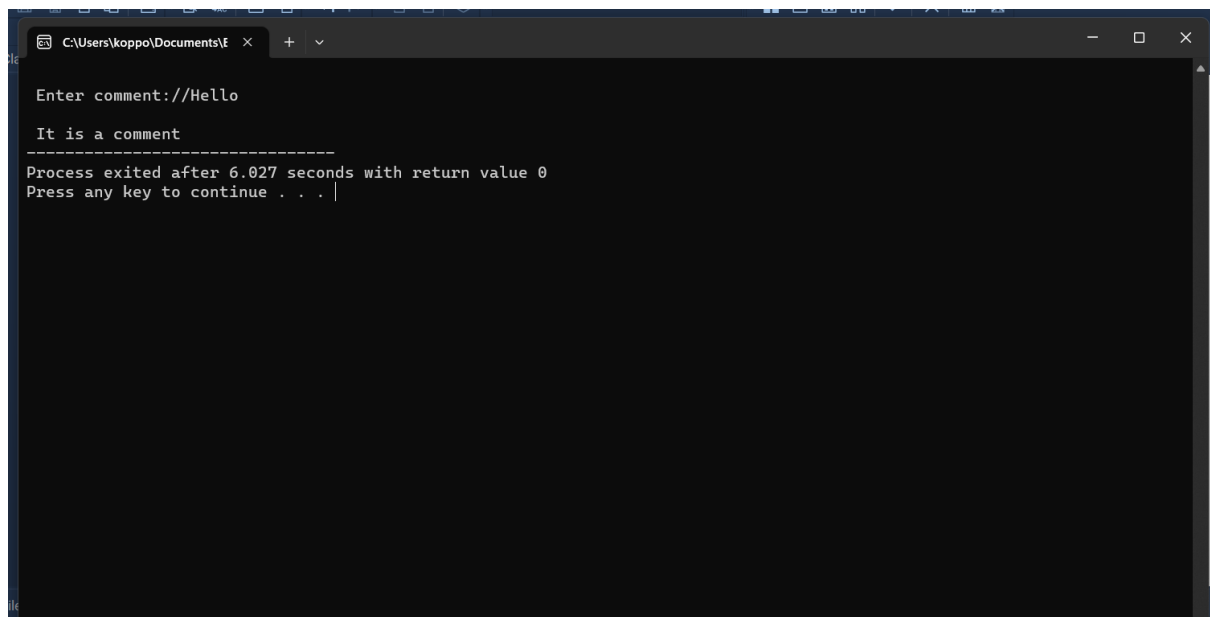


## EXP04: Develop a lexical Analyzer to test whether a given line is comment or not.

### INPUT:

```
#include<stdio.h>
#include<conio.h>
int main()
{
    char com[30];
    int i=2,a=0;
    printf("\n Enter comment:");
    gets(com);
    if(com[0]=='/')
    {
        if(com[1]=='/')
            printf("\n It is a comment");
        else if(com[1]=='*')
        {
            for(i=2;i<=30;i++)
            {
                if(com[i]=='*&&com[i+1]=='/')
                {
                    printf("\n It is a comment");
                    a=1;
                    break;
                }
                else
                    continue;
            }
            if(a==0)
                printf("\n It is not a comment");
        }
        else
            printf("\n It is not a comment");
    }
    else
        printf("\n It is not a comment");
}
```

### OUTPUT:



A screenshot of a Windows command prompt window. The title bar at the top shows the file path "C:\Users\koppo\Documents\k" and standard window controls. The command prompt displays the following text: "Enter comment://Hello", "It is a comment", a separator line of dashes, "Process exited after 6.027 seconds with return value 0", and "Press any key to continue . . . |".

```
C:\Users\koppo\Documents\k > Enter comment://Hello
It is a comment
-----
Process exited after 6.027 seconds with return value 0
Press any key to continue . . . |
```