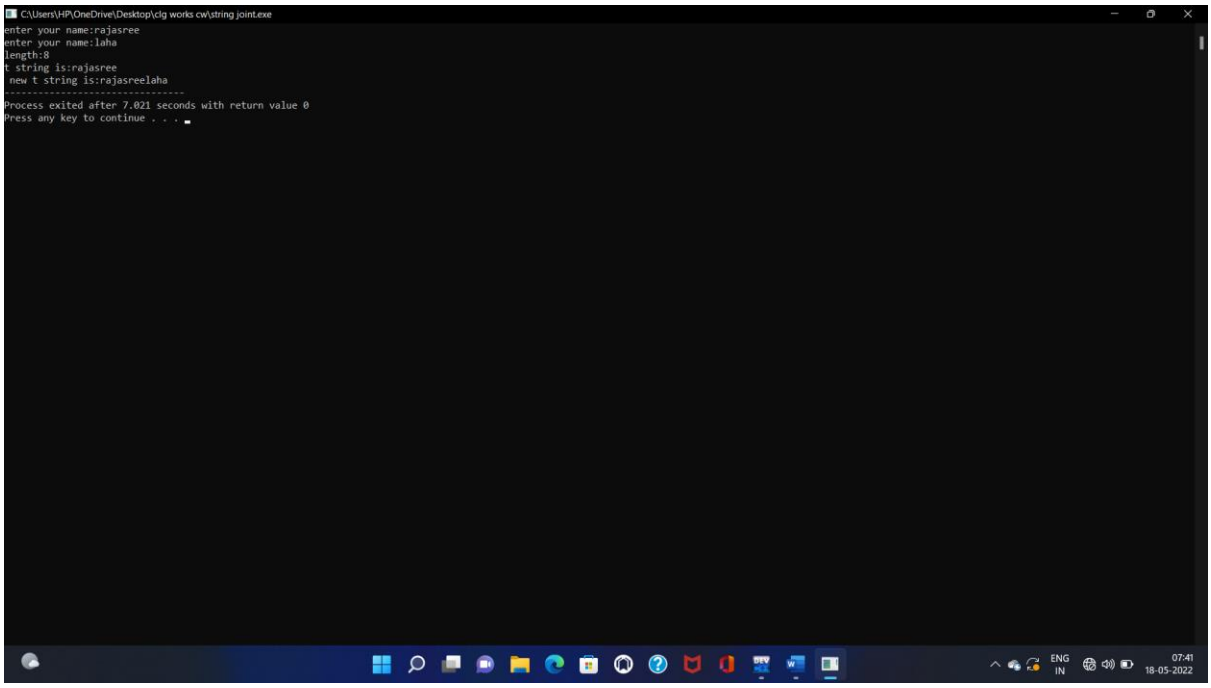```
/*string length & copy &  joint*/
#include<stdio.h>
#include<string.h>
int main()
{
        char x[45],y[50],t[50];
        int l;
        printf("enter your name:");
        gets(x);
        printf("enter your name:");
        gets(y);
        l=strlen(x);
        printf("length:%d\n",l);
        strcpy(t,x);
        printf("t string is:%s\n",t);
        strcat(t,y);
        printf(" new t string is:%s",t);
        return 0;
}
```