cument Project Build Tools Help

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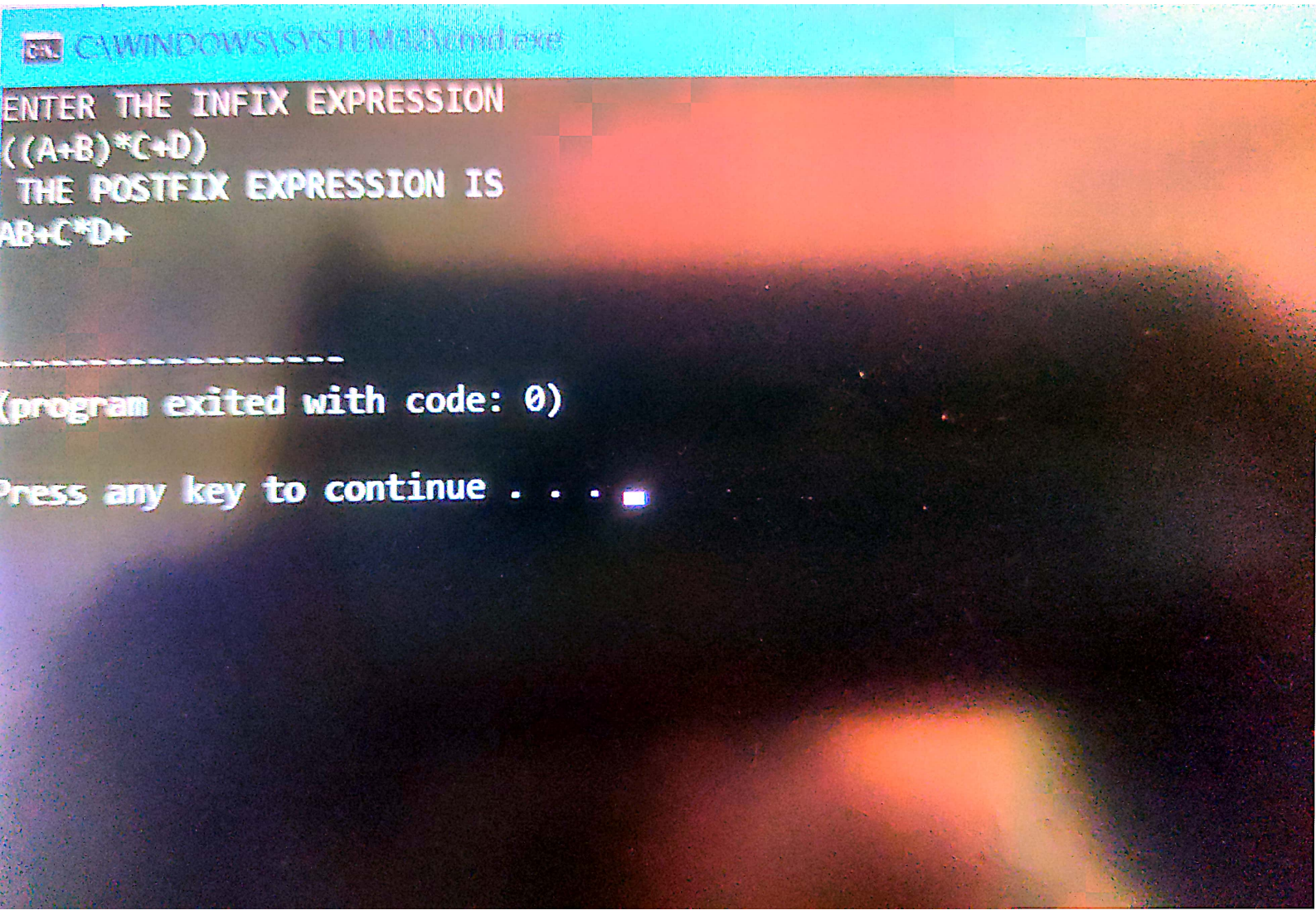
```
#include<stdio.h>
#include<process.h>
#include<string.h>
int F(char symbol)
{
    switch(symbol)
    {
        case '+':
        case '-':return 2;
        case '*':
        case '/':return 4;
        case '^':
        case '$':return 5;
        case '(':return 0;
        case '#':return -1;
        default:
                return 8;
            }
        }
int G(char symbol)
{
    switch(symbol)
    {
        case '+':
        case '-':return 1;
        case '*':
        case '/':return 3;
        case '^':
        case '$':return 6;
        case '(':return 9;
        case ')':return 0;
        default:
                return 7;
            }
        }
void infixtopostfix(char infix[],char postfix[])
```

```
    int i,j;
    j=0;
    int top=-1;
    char s[50];
    char symbol;
    s[++top]='#';
    for(i=0;i<strlen(infix);i++)
    {
        symbol=infix[i];
        while(F(s[top])>G(symbol))
        {
            postfix[j]=s[top--];
            j++;
        }
        if(F(s[top])!=G(symbol))
        s[++top]=symbol;
        else
        top--;
    }
    while(s[top]!='#')
    {
        postfix[j++]=s[top--];
    }
    postfix='\0';
}
int main()
{
    char infix[50];
    char postfix[50];
    printf("ENTER THE INFIX EXPRESSION\n");
    scanf("%s",infix);
    infixtopostfix(infix,postfix);
    printf(" THE POSTFIX EXPRESSION IS\n");
    printf("%s\n",postfix);
}
```


C:\WINDOWS\SYSTEM32\cmd.exe
ENTER THE INFIX EXPRESSION
((A+B)*(+D)
THE POSTFIX EXPRESSION IS
AB+C*D+
(program exited with code: 0)
Press any key to continue . . .