/*infix to Postfix conversion*/

```c
#include<stdio.h>

#include<ctype.h>


char stack[100];

int top = -1;


void push(char x)

{

    stack[++top] = x;

}


char pop()

{

    if(top == -1)

        return -1;

    else

        return stack[top--];

}


int priority(char x)

{

    if(x == '(')

        return 0;

    if(x == '+' || x == '-')

        return 1;

    if(x == '*' || x == '/')

        return 2;

    return 0;

}
```
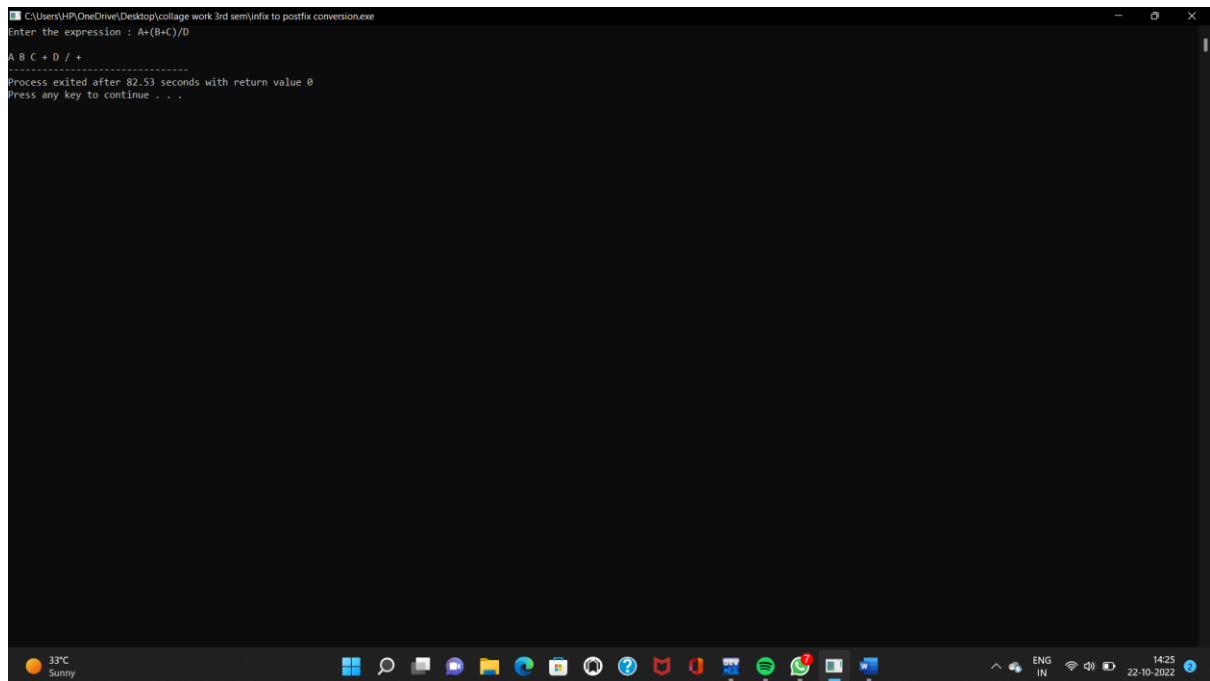
```c
int main()
{
    char exp[100];
    char *e, x;
    printf("Enter the expression : ");
    scanf("%s",exp);
    printf("\n");
    e = exp;

    while(*e != '\0')
    {
        if(isalnum(*e))
            printf("%c ",*e);
        else if(*e == '(')
            push(*e);
        else if(*e == ')')
        {
            while((x = pop()) != '(')
                printf("%c ", x);
        }
        else
        {
            while(priority(stack[top]) >= priority(*e))
                printf("%c ",pop());
            push(*e);
        }
        e++;
    }

    while(top != -1)
    {
```

```
        printf("%c ",pop());

    }return 0;

}
```