PREFIX

```
#include <iostream>
#include <string>
#include <stack>
#include <math.h>
#include <algorithm>
using namespace std;
int prefixEvaluation(string s)
    int op1, op2;
    stack<int> st;
    reverse(s.begin(), s.end());
    for (int i = 0; i < s.length(); i++)</pre>
        if (s[i] >= '0' \&\& s[i] <= '9')
            st.push(s[i] - '0');
        else
            op2 = st.top();
            st.pop();
            op1 = st.top();
            st.pop();
            switch (s[i])
            case '+':
                 st.push(op2 + op1);
                 break;
            case '-':
                 st.push(op2 - op1);
                 break;
            case '*':
                 st.push(op2 * op1);
                 break;
```

PREFIX

```
case '/':
                 st.push(op2 / op1);
                 break;
            case '^':
                 st.push(pow(op2, op1));
                 break;
            default:
                 break;
    return st.top();
int main()
    string exp;
    cout<<"Enter the prefix expression: ";</pre>
    cin>>exp;
    cout<<"Evaluated value: "<<pre>refixEvaluation(exp);
    return 0;
```