

POSTFIX TO PREFIX

```
#include<iostream>
#include<stack>
#include<ctype.h>
using namespace std;

string postfixToPrefix(string postfix){
    stack<string> st;
    string op1, op2;

    for (int i = 0, len = postfix.length(); i < len; i++){
        if (isdigit(postfix[i])){
            string op (1, postfix[i]);
            st.push(op);
        }
        else {
            op2 = st.top();
            st.pop();

            op1 = st.top();
            st.pop();

            st.push(postfix[i] + op1 + op2);
        }
    }

    return st.top();
}

int main(){
    string postfix, prefix;
    cout<<"Enter POSTFIX expression: ";
    cin>>postfix;
    cout<<"POSTFIX expression: "<<postfix<<endl;

    cout<<"PREFIX expression: ";
    cout<<postfixToPrefix(postfix);
}
```