🧑‍💻 Postfix Evaluation

```cpp
#include<iostream>
using namespace std;
#include<string.h>
int s[10], top = -1;
void push(int x) {
    s[++top] = x;
}

int pop() {
    return s[top--];
}

int main() {
    int i, op1, op2;
    char expr[20], ch;
    cout<<"Enter the expression: ";
    cin>>expr;
    for (i = 0; i < strlen(expr); i++) {
        ch = expr[i];
        if (isdigit(ch))
        push((int)ch - 48);
        else {
            op1 = pop(); // the operand which is taken out first
            op2 = pop(); // the operand which is taken out second
            switch (ch) {
                case '+': push(op2 + op1);
                        break;
                case '-': push(op2 - op1);
                        break;
                case '/': push(op2 / op1);
                        break;
                case '*': push(op2 * op1);
            }
        }
    }

    cout<<"The result = "<<s[top];
    return 0;
}
```