|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **OPERATOR PRECEDENCE GRAMMAR** | |  | | AttachmentsThu, Apr 11, 3:56 PM (2 days ago) |  | https://mail.google.com/mail/u/0/images/cleardot.gif |
| |  | | --- | |  | | | |

#include <stdio.h>  
#include <string.h>  
void main()  
{  
    char g[20][20], c;  
    int i, n, j = 2, flag = 0;  
     scanf("%d", &n);  
    for (i = 0; i < n; i++)  
        scanf("%s", g[i]);  
   
    for (i = 0; i < n; i++) {  
        c = g[i][2];  
        while (c != '\0') {  
            if (g[i][3] == '+' || g[i][3] == '-'|| g[i][3] == '\*' || g[i][3] == '/')  
                flag = 1;  
            else {  
                flag = 0;  
                printf("Operator Precedence not satisfied");  
                break;  
                }  
   
            if (c == '$') {  
                flag = 0;  
                printf("Operator Precedence not satisfied");  
                    break;  
            }  
   
            c = g[i][++j];  
        }  
    }  
   
    if (flag == 1)  
        printf("Grammar is operator precedence grammar");

