```c
void Push(char stack[],char s){
char Pop(char stack[50]){
int IsEmptyStack(char stack[50]){
char Top(char stack[50]) {

int main() {

    unsigned long helper;
    int i,MasterControl = 0;
    char stackHelper[50],stack[50];

    for (i=0; i<50; i++) {
        stackHelper[i]= '\0';
        stack[i]='\0';
    }

    printf("Enter an Expression:");
    scanf("%s",stackHelper);

for (i=0; i<helper; i++) {

        if (stackHelper[i]=='(') {

            Push(&stack[50],'(');


        }
        if (stackHelper[i]==')') {

            if(Top(&stack[50])=='[') {
                MasterControl = 1;
            }else if(Top(&stack[50])=='('){

                Pop(&stack[50]);

            }else{

                Push(&stack[50],']');

            }

        }
        if (stackHelper[i]=='[') {

            Push(&stack[50],'[');

        }

        if (stackHelper[i]==']') {

            if(Top(&stack[50])=='(') {
                MasterControl = 1;
            }else if(Top(&stack[50])=='['){

                Pop(&stack[50]);

            }else{

                Push(&stack[50],']');

            }

        }
    }
}
```