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♦ Problem List < > >
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</>Code
                                                                                                                                       2 {} □ ≡
C ∨ 🔒 Auto
  1 #include<stdio.h>
  2 #include<stdlib.h>
  4 typedef struct{
5    int val;
6    int min;
  6 | 111c
7 }Node;
 10 typedef struct {
11 Node* stack;
12 int top, capacity;
 13 |
14 } MinStack;
15
 15
16
17 MinStack* minStackCreate() {
18 MinStack* stack=(MinStack*)malloc(sizeof(MinStack));
19 stack->stack=(Node*)malloc(sizeof(Node)*100);
-*ack->tope-1;
        stack->top=-1;
stack->capacity=100;
return stack;
 23 }
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 Problem List < > >$
</>Code
C ∨ 🔒 Auto
  25  void minStackPush(MinStack* obj, int val) {
  26
          if (obj->top == -1) {
             obj->stack[++(obj->top)].val = val;
  27
  28
                obj->stack[obj->top].min = val;
  29
           } else {
              obj->stack[++(obj->top)].val = val;
  30
               obj->stack[obj->top].min = (val < obj->stack[obj->top - 1].min) ? val :obj->stack[obj->top - 1].min;
  31
  32
  33 }
  34
  35 void minStackPop(MinStack* obj) {
         if (obj->top >= 0) {
  36
            obj->top--;
  37
  38
  39 }
  40
  41 int minStackTop(MinStack* obj) {
  42 | return obj->stack[obj->top].val;
43 }
  44
  45 int minStackGetMin(MinStack* obj) {
  46 return obj->stack[obj->top].min;
  47 }
```

```
</>Code
C ∨ 🔒 Auto
 33 }
 40
 40
41 int minStackTop(MinStack* obj) {
42         return obj->stack[obj->top].val;
43    }
44
 int minStackGetMin(MinStack* obj) {
    return obj->stack[obj->top].min;
}
  48
  49
 50 void minStackFree(MinStack* obj) {
51     free(obj->stack);
52     free(obj);
53  }
54
 55
56 /**
 ☑ Testcase │ >_ Test Result
  Accepted Runtime: 0 ms
  • Case 1
  Input
   ["MinStack","push","push","getMin","pop","top","getMin"]
   [[],[-2],[0],[-3],[],[],[],[]]
   [null,null,null,-3,null,0,-2]
   [null,null,null,-3,null,0,-2]
                                                                              Contribute a testcase
```