#	LEETCODE 1 - MINSTACK
	to left street
	typedef struct {  int size:
	int top;
	int *s;
	int * minstack;
	9 Minstack:
	Minstack * minStack (reate ()
	Minstack + st = (Minstack +) malloc (lizeof (
ah.	Min Stack));
	if(st == NULL)
17-1	E print f ("Memory allocation failed"):
	exit(o);
	5
	st -> size = 5000000;
	st -> top = -1;
	st -> s = (int *) malloc (st -> size * size of (int));
	st -> minstack = (int *) malloc (st -> size *
	size of (int));
	if (st-> s==NULL)
	1 . 2 ((1.4. 1.7. 1.1.4.1.7.)
	printf ("Memory allocation tailed");
	$f_{xec}(st \rightarrow s)$
	free (st -> minstack);
	J
	2 return st;
	1

```
void minstack Push (Minstack obj. int val)
    if (obj -> top == obj -> size -1)

print! (" Stack overflow");
       obj -> top++;
       obj -> s[obj -> top] : val;
                                 < obj -> minstack [ebj >
          obj > minstack [obj -> top] =
         obj -> minstack [obj -> top] : obj -> minstack [obj -> top -1];
      min Stack Pop (Min Stack * obj)
      if (obj ->top = = -1)
              printf ("Underflow");
          value = obj -> s[obj -> top];
```

	int minstack Top (Minstack * obj)
	int value = -1,
	if (obj -> top = = -1)
	print f ("Underflow");
	else
	{ value = obj ->s(obj ->top);
-	return value;
	4
	3 /
	int minstack Free (Minstack * obj)
	s minstack race (1 linstack obj)
-/x	tree (obj -> s);
	tree (Obj -> min stack);
7	In free (obj):
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	a lab a distribution of the latest and the latest a
	and the second s
3,	the test are with a set out of a court of the set
	The state of the second second
	the state of the s