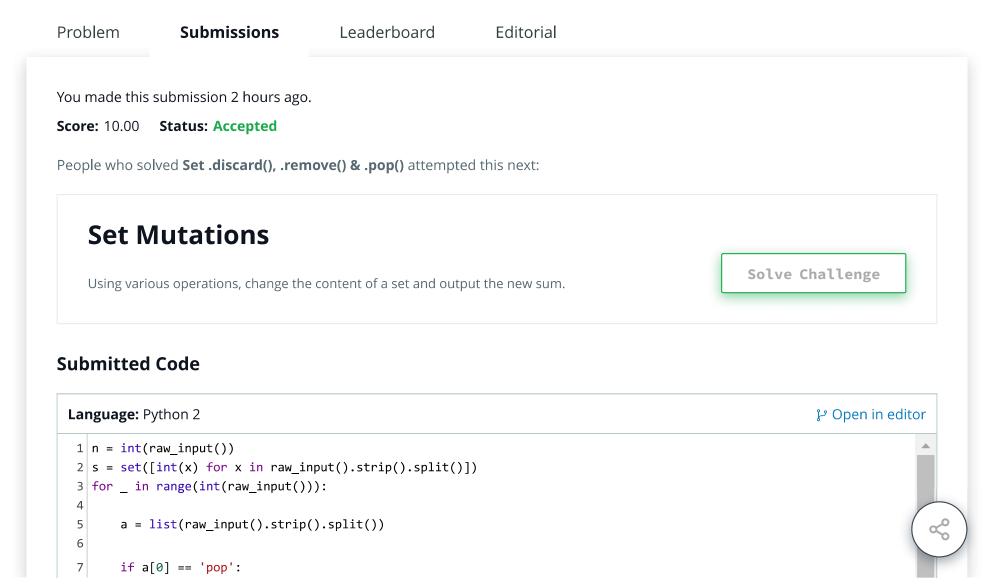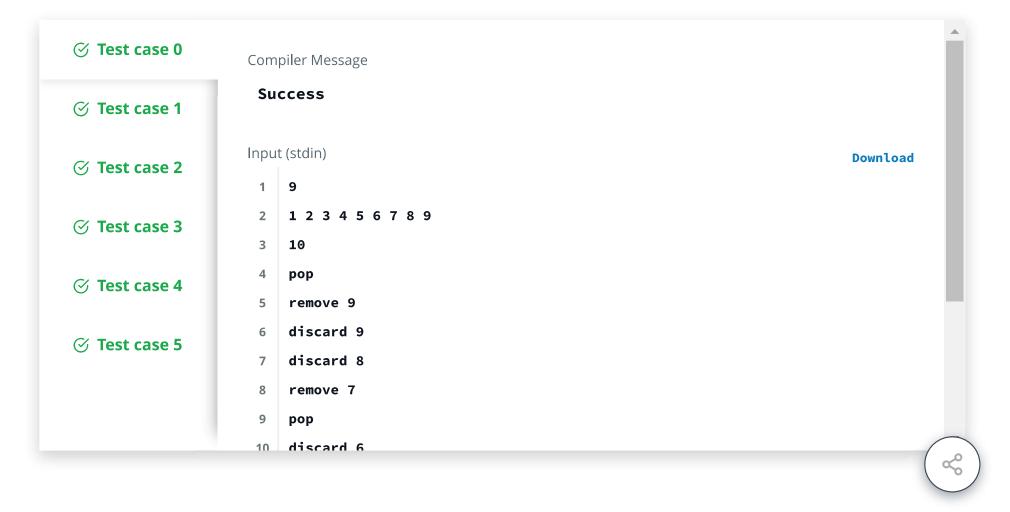# Set .discard(), .remove() & .pop() ☆

105 more points to get your gold badge!

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Problem | **Submissions** | Leaderboard | Editorial

You made this submission 2 hours ago.

Score: 10.00   **Status:** **Accepted**

People who solved **Set .discard(), .remove() & .pop()** attempted this next:

Set Mutations

Using various operations, change the content of a set and output the new sum.

Solve Challenge

Submitted Code

Language: Python 2

⌥ Open in editor

```
1  n = int(raw_input())
2  s = set([int(x) for x in raw_input().strip().split()])
3  for _ in range(int(raw_input())):
4
5      a = list(raw_input().strip().split())
6
7      if a[0] == 'pop':
```

```
 8          s.pop()
 9      elif a[0] == 'discard':
10          s.discard(int(a[1]))
11      else:
12          s.remove(int(a[1]))
13
14  print sum(s)
15
```

✓ **Test case 0**

✓ **Test case 1**

✓ **Test case 2**

✓ **Test case 3**

✓ **Test case 4**

✓ **Test case 5**

Compiler Message

Success

Input (stdin)   **Download**

```
 1  9
 2  1 2 3 4 5 6 7 8 9
 3  10
 4  pop
 5  remove 9
 6  discard 9
 7  discard 8
 8  remove 7
 9  pop
10  discard 6
```