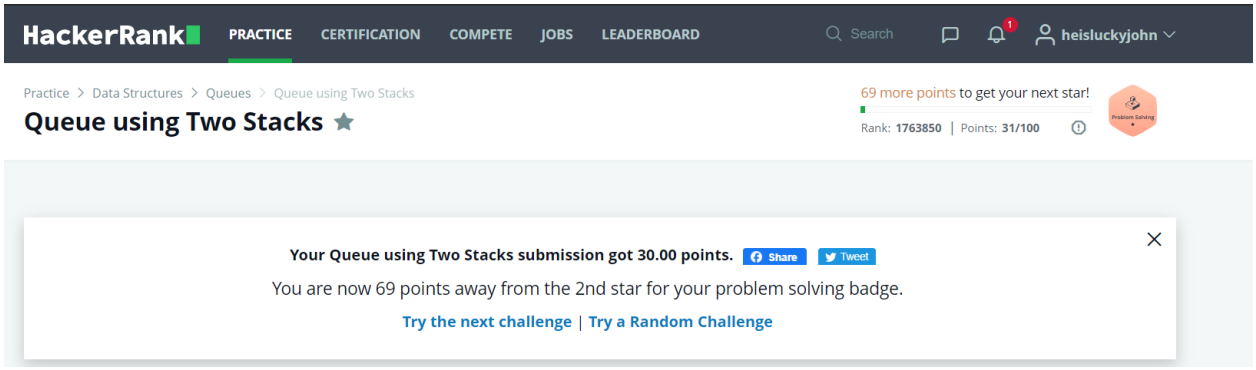
Hackerank Username: heisluckyjohn

Screenshot:



Codes:

```
#We have first to create a Queue class

class Queue(object):

    def __init__(self):
        self.stack1 = []
        self.stack2 = []

    def enqueue (self, val):
        self.stack1.append(val)


    def sync(self):
        if not self.stack2:
            while self.stack1:
                self.stack2.append(self.stack1.pop())

    def dequeue (self):
        self.sync()
```

```
        return self.stack2.pop()

    def top(self):
        self.sync()
        return self.stack2[-1]


#Instance of the Queue class

q = Queue()



element1 = int(input())


for i in range(element1):

    myqueue = tuple(map(int, input().strip().split(' ')))

    if len(myqueue) > 1:
        q.enqueue(myqueue[1])

    elif myqueue[0] == 2:
        q.dequeue()
    else:
        print(q.top())
```