

HackerRank Username: Samuel Anumudu / @s_anumudu

Screenshots

The image displays two screenshots of the HackerRank interface for the 'Queue using Two Stacks' problem. Both screenshots show a successful submission notification at the top, indicating the user has solved the problem and is 35 points away from the next star. The notification includes a 'Share' button and links to 'Try the next challenge' and 'Try a Random Challenge'.

Below the notification, the 'Submissions' tab is active, showing a table of submission results. The table has columns for 'RESULT', 'SCORE', 'LANGUAGE', and 'TIME'. Three submissions are listed, all with a score of 30.0 and using Python 3. The first submission was accepted 4 minutes ago, the second 27 minutes ago, and the third 32 minutes ago. Each row has a 'View Results' link.

The right sidebar contains a 'NEED HELP?' section with links to 'View discussions', 'View editorial', and 'View top submissions'.

The bottom navigation bar includes the HackerRank logo, tabs for 'PRACTICE', 'CERTIFICATION', 'COMPETE', 'JOBS', and 'LEADERBOARD', a search bar, and a user profile icon for 's_anumudu'.

RESULT	SCORE	LANGUAGE	TIME	
Accepted	30.0	Python 3	4 minutes ago	View Results
Accepted	30.0	Python 3	27 minutes ago	View Results
Accepted	30.0	Python 3	32 minutes ago	View Results

Click to go back, hold to see history

Change Theme

Python 3



```
1 # Enter your code here. Read input from STDIN. Print output to STDOUT
2
3 # Get query input
4 query_input = int(input())
5
6 # initialize two stacks
7 instack = []
8 outstack = []
9
10 # iterate using a for loop
11 for i in range(query_input):
12     # use a list to get a query type, split and store in a list
13     t = list(input().split())
14     # process each queries then enqueue
15     if t[0] == '1':
16         instack.append(t[1])
17
18     # dequeue
19     elif t[0] == '2':
20         if not outstack:
21             while instack:
22                 outstack.append(instack.pop())
23             outstack.pop()
24
25     #print front element
26     else:
27         if not outstack:
28             while instack:
```

Line: 31 Col: 1

Upload Code as File ☐ Test against custom input

Run Code

Submit Code

Line: 31 Col: 1

Upload Code as File ☐ Test against custom input

Run Code

Submit Code

Congratulations

You solved this challenge.
Would you like to challenge
your friends?



Next Challenge

Earn a certificate in Problem Solving

Kudos on your progress! Take the
HackerRank Skills Certification test
and enrich your profile

Get Certified

Test case 0

Test case 1

Test case 2

Test case 3

Test case 4

Test case 5

Test case 6

Test case 7

Input (stdin)

```
1 10
2 1 42
3 2
4 1 14
5 3
6 1 28
7 3
8 1 60
9 1 78
10 2
11 2
```

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Expected Output

Download

Code Snippet:

```
# Enter your code here. Read input from STDIN. Print output to STDOUT

# Get query input
query_input = int(input())

# initialize two stacks
instack = []
outstack = []

# iterate using a for loop
for i in range(query_input):
    # use a list to get a query type, split and store in a list
    t = list(input().split())
    # process each queries then enqueue
    if t[0] == '1':
        instack.append(t[1])

    # dequeue
    elif t[0] == '2':
        if not outstack:
            while instack:
                outstack.append(instack.pop())
            outstack.pop()

    #print front element
    else:
        if not outstack:
            while instack:
                outstack.append(instack.pop())
        print(outstack[-1])
```