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Test Name:	**INFO 6205 Spring2019 Section_03 Mid-term**
Taken On:	26 Feb 2019 12:31:36 EST
Time Taken:	51 min 39 sec/ 55 min
NUID:	001495774
Invited by:	Robin
Invited on:	26 Feb 2019 12:01:40 EST
Tags Score:	

100%

60/60

scored in **INFO 6205 Spring2019 Section_03 Mid-term** in 51 min 39 sec on 26 Feb 2019 12:31:36 EST

Recruiter/Team Comments:

No Comments.

	Question Description	Time Taken	Score	Status
Q1	**Dijkstra's Two Stack** > **Coding**	14 min 54 sec	20/ 20	⊘
Q2	**Quick Sort Implementation** > **Project**	36 min 20 sec	40/ 40	⊘

Dijkstra's Two Stack › Coding

QUESTION DESCRIPTION

Your task is to implement the push and pop methods for a stack to be used to solve the Dijkstra Two-Stack algorithm.

Helper methods are available to help you out there!

Sample Input:

(2 + 2)

Sample Output:

4.0

CANDIDATE ANSWER

Language used: **Java 7**

```java
public void push(Item item) {
    // TODO Push an element into the stack.
    if(full())
        grow(2 * capacity());
    items[count++] = item;


}

public Item pop() {
    // TODO Pop an element from the stack and return it. Pop always
happens from the top. Remember LIFO.
    return items[--count];
}
```

TESTCASE	DIFFICULTY	STATUS	SCORE	TIME TAKEN	MEMORY USED
Testcase 1	Easy	✓ Success	5	0.15 sec	24.6 MB
Testcase 2	Easy	✓ Success	5	0.15 sec	24.4 MB
Testcase 4	Medium	✓ Success	5	0.14 sec	24.1 MB
Testcase 3	Easy	✓ Success	5	0.14 sec	24.4 MB

No Comments

QUESTION 2

✓

Correct Answer

Score 40

Quick Sort Implementation › Project

QUESTION DESCRIPTION

Please implement the partition method for QuickSort, and the follow the partitioning scheme that the pivot is chosen always as the last element of the List.

CANDIDATE ANSWER

Answer Zip: http://hr.gs/5397c4ae73d9

Please open the report on HackerRank for Work to view the candidate's submission

https://www.hackerrank.com/x/tests/384808/candidates/8846355/report

Codechecker message

No Comments

PDF generated at: 26 Feb 2019 18:24:22 UTC