hw4_e4) Priority Queue

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Submitted 13 minutes ago • Score: 28.00 Status: Wrong Answer

✔ Test Case #0	✔ Test Case #1	✔ Test Case #2
✔ Test Case #3	✔ Test Case #4	✔ Test Case #5
✔ Test Case #6	✔ Test Case #7	✔ Test Case #8
✔ Test Case #9	✖ Test Case #10	✖ Test Case #11
✖ Test Case #12		

Submitted Code

Language: Python 3 Open in editor

```
def createHeap(arr, linkedarr):
    for i in range(1,len(arr)):
        child = i
        parent = (i-1)//2
        while child>0 and arr[parent]<arr[child]:
            arr[parent],arr[child] = arr[child],arr[parent]
            linkedarr[parent],linkedarr[child] = linkedarr[child],linkedarr[parent]
            child = parent
            parent= (child-1)//2

def PriorityQueue(people, grades, top):
    for i in range(top):
        biggest_index = 0
        createHeap(grades, people)
        for i in range(1, len(people)):
            if grades[i] > grades[biggest_index]:
                biggest_index = i

        print(people[biggest_index], grades[biggest_index])
        print(*grades)
        p = people.pop(biggest_index)
        g = grades.pop(biggest_index)

numbers = input()
numbers = list(map(int,numbers.split()))
total_people = numbers[0]
output_people = numbers[1]

people_and_grades = []

```

```
for i in range(total_people):
    people_and_grades.append(input())

people = []
grades = []

L = []

def itself(x):
    return x

for element in people_and_grades:
    person_and_grade = list(map(itself, element.split()))
    L.append(person_and_grade)
    person = person_and_grade[0]
    grade = person_and_grade[1]
    people.append(person)
    grades.append(grade)

output = PriorityQueue(people, grades, output_people)

```