HackerEarth(Laboratorio #2)

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1 BubbleSort - Easy Going

```python
t = int(input())

for i in range(t):
    S = input().split()
    n = int(S[0])
    m = int(S[1])
    lista = input().split()
    lista = [int(j) for j in lista]
    lista.sort()
    maxi = 0
    mini = 0
    for j in range(1,n-m+1):
        maxi += lista[-j]
    for j in range(n-m):
        mini += lista[j]
    print (maxi-mini)
```

```
1.   '''
2.   # Sample code to perform I/O:
3.
4.   name = input()                # Reading input from STDIN
5.   print('Hi, %s.' % name)       # Writing output to STDOUT
6.
7.   # Warning: Printing unwanted or ill-formatted data to output will cause the test cases to fail
8.   '''
9.
10.  # Write your code here
11.
12.  t = int(input())
13.
14.  for i in range(t):
15.      S = input().split()
16.      n = int(S[0])
17.      m = int(S[1])
```

2 InsertionSort - Monk and Nice String

```
n = int(input())
lista = []
for i in range(n):
    l = input()
    lista.append(l)
    lista.sort()
    print(lista.index(l))
```

2

```
1.  '''
2.  # Sample code to perform I/O:
3.
4.  name = input()              # Reading input from STDIN
5.  print('Hi, %s.' % name)     # Writing output to STDOUT
```

3   InsertionSort - The rise of the weird

```
n = int(input())
C = input().split()
C = [int(j) for j in C]
E = []
O = []
SE = 0
SO = 0
for j in C:
```

3

```python
        if j%2==0:
            O.append(j)
            SO += j
        else:
            E.append(j)
            SE += j
    O.sort()
    E.sort()
    O.append(SO)
    E.append(SE)
    print(*(O+E), sep=" ")
```

The rise of the weird... things [1] / Submission (20301986) by cfortizp (cfortizp)

Submission ID: 20301986 / Sep 13, 2018 at 12:06 PM

RESULT: ✓ Accepted

Score	Time (sec)	Memory (KiB)	Language
20.0	1.21691	64	Python 3

Input	Result	Time (sec)	Memory (KiB)	Score	Your Output	Correct Output	Diff
Input #1	✓	0.11077	64	15			
Input #2	✓	0.110096	64	10			
Input #3	✓	0.110753	64	5			
Input #4	✓	0.111753	64	5			
Input #5	✓	0.110239	64	15			
Input #6	✓	0.11067	64	10			
Input #7	✓	0.110534	64	10			
Input #8	✓	0.110573	64	4			
Input #9	✓	0.110413	64	15			
Input #10	✓	0.110611	64	10			
Input #11	✓	0.110494	64	1			

Compilation Log
No compilation log for this submission.

Submission:

Theme: Light ▾

```
1.  '''
2.  # Sample code to perform I/O:
3.
```