Technical Skill Submission

Task-1

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Sec:A4_B4_52

Q1)

You made this submission 16 minutes ago.

Score: 10.00 **Status:** Accepted

People who solved **Simple Array Sum** attempted this next:

Compare the Triplets

Compare the elements in two triplets.

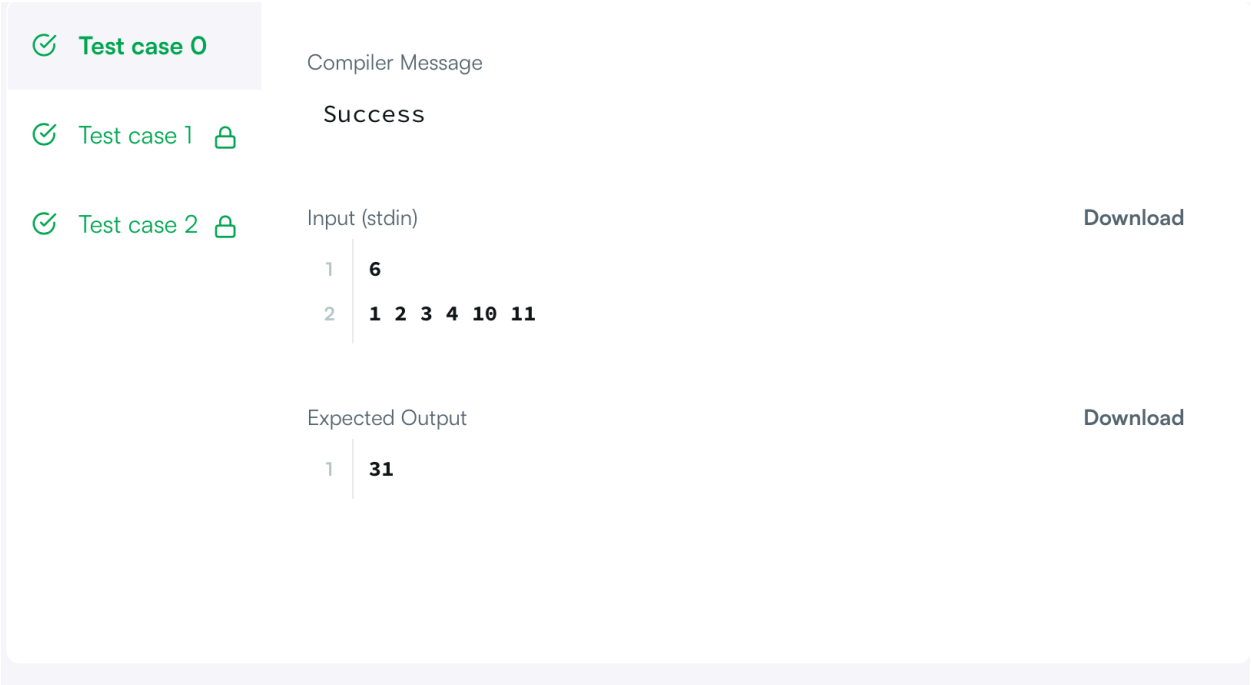
Solve Challenge

Submitted Code

Language: Python 3 Open in editor

```
#!/bin/python3

import math
import os
import random
import re
import sys


def simpleArraySum(ar):
    c=sum(ar)
    return c
if __name__ == '__main__':
    fptr = open(os.environ['OUTPUT_PATH'], 'w')

    ar_count = int(input().strip())
```

Output:


Test case 0
Test case 1
Test case 2
Compiler Message
Success
Input (stdin)
Download
1 6
2 1 2 3 4 10 11
Expected Output
Download
1 31

Q2)

You made this submission 30 minutes ago.

Score: 25.00 **Status:** Accepted

People who solved **Flatland Space Stations** attempted this next:

Cavity Map

Depict cavities on a square map

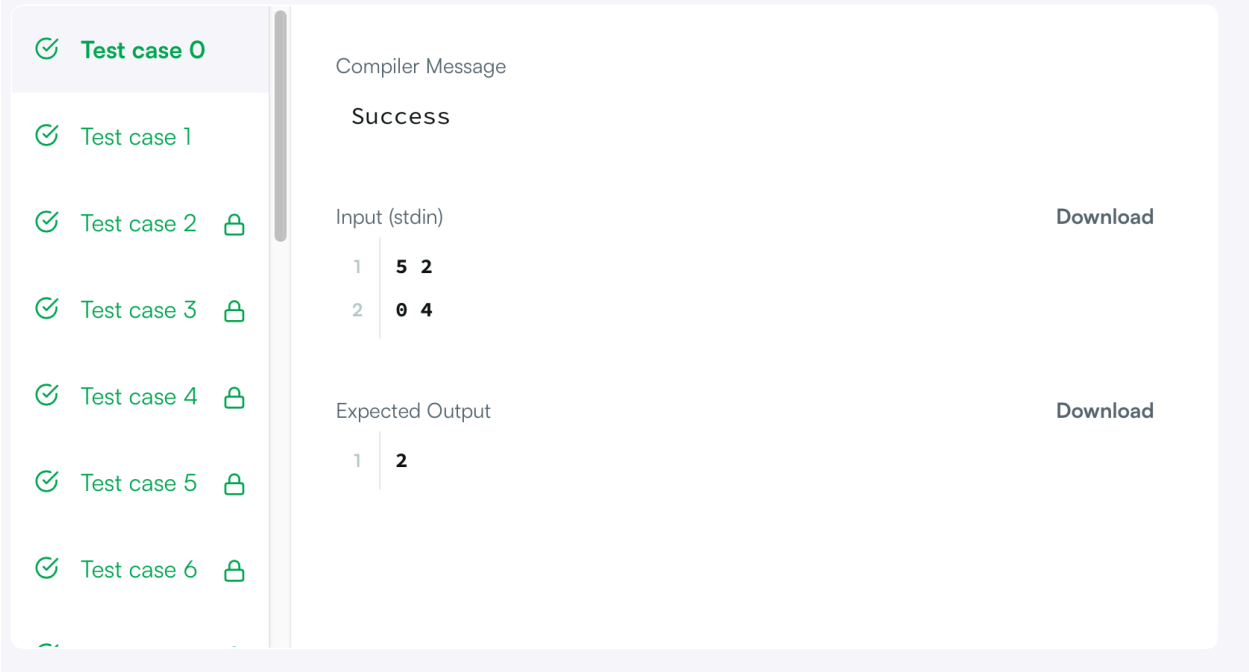
Solve Challenge

Submitted Code

Language: Python 3 Open in editor

```
#!/bin/python3

import math
import os
import random
import re
import sys

# Complete the flatlandSpaceStations function below.
def flatlandSpaceStations(n, c):
    if n == len(c):
        return 0

    c.sort()

    max_dist = c[0]
```

Output:


Test case 0
Test case 1
Test case 2
Test case 3
Test case 4
Test case 5
Test case 6
Compiler Message
Success
Input (stdin)
Download
1 5 2
2 0 4
Expected Output
Download
1 2

Q3)

You made this submission 20 minutes ago.

Score: 25.00 **Status:** Accepted

People who solved **Fair Rations** attempted this next:

Cavity Map

Depict cavities on a square map

Solve Challenge

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Submitted Code

Language: Python 3 Open in editor

```
#!/bin/python3

import math
import os
import random
import re
import sys

#
# Complete the 'fairRations' function below.
#
# The function is expected to return a STRING.
# The function accepts INTEGER_ARRAY B as parameter.
#

def fairRations(B):
```

Output:

Test case 0

Test case 1

Test case 2

Test case 3

Test case 4

Test case 5

Test case 6

Compiler Message

Success

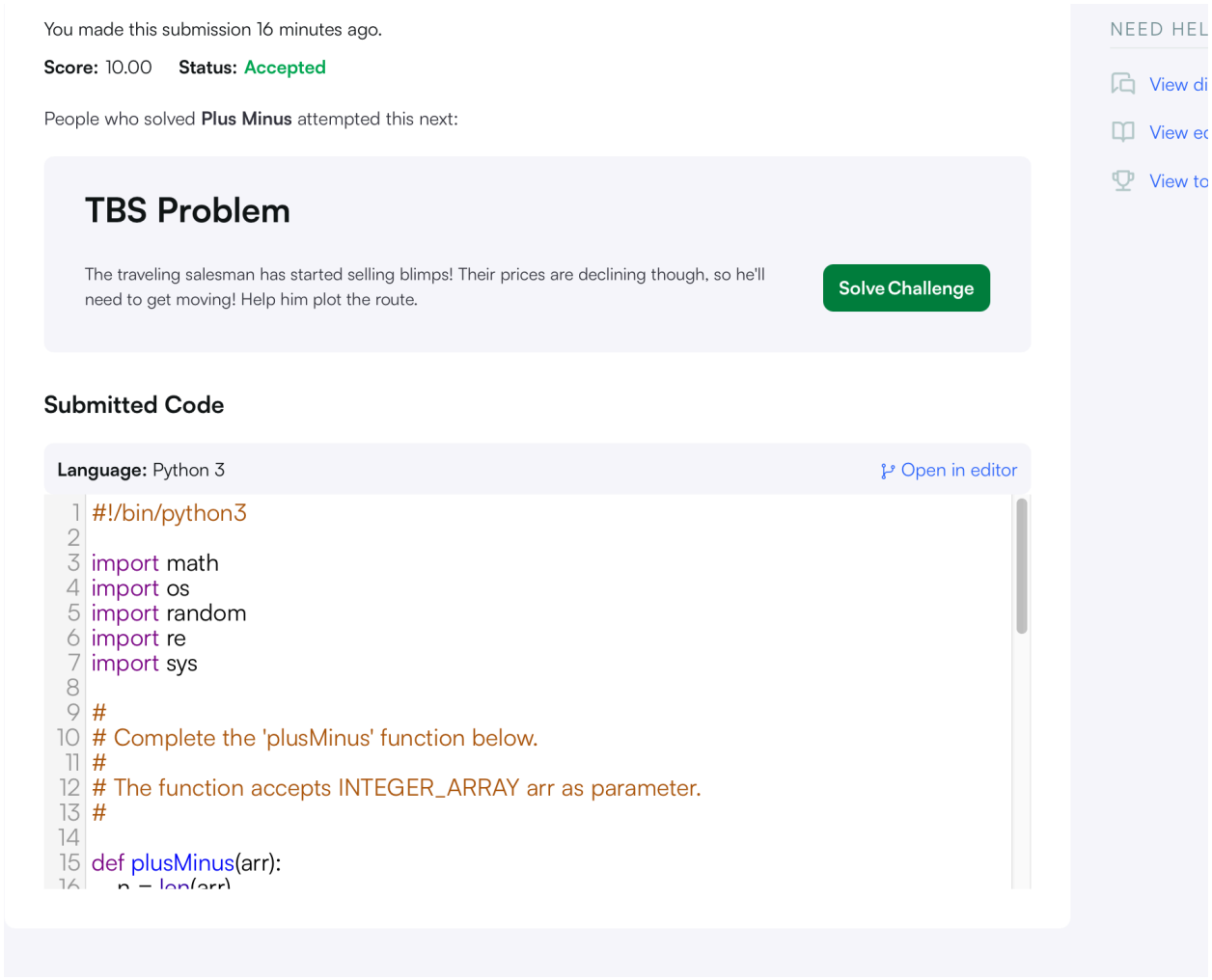
Input (stdin) Download

```
5
2 3 4 5 6
```

Expected Output Download

```
4
```

Q4)


You made this submission 16 minutes ago.
Score: 10.00 Status: Accepted
People who solved Plus Minus attempted this next:
TBS Problem
The traveling salesman has started selling blimps! Their prices are declining though, so he'll need to get moving! Help him plot the route.
Solve Challenge
Submitted Code
Language: Python 3
Open in editor
#!/bin/python3
import math
import os
import random
import re
import sys
#
Complete the 'plusMinus' function below.
#
The function accepts INTEGER_ARRAY arr as parameter.
#
def plusMinus(arr):
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View ed
View to

Output:

Compiler Message

Success

Input (stdin) Download

```
6
-4 3 -9 0 4 1
```

Expected Output Download

```
0.500000
0.333333
0.166667
```

Q5)

You made this submission 20 minutes ago.

Score: 10.00 **Status:** Accepted

People who solved **Compare the Triplets** attempted this next:

Diagonal Difference

Calculate the absolute difference of sums across the two diagonals of a square matrix.

Solve Challenge

Submitted Code

Language: Python 3 Open in editor

```
#!/bin/python3

import math
import os
import random
import re
import sys

#
# Complete the 'compareTriplets' function below.
#
```

rank.com/challenges/diagonal-difference" in a new tab

urn an INTEGER_ARRAY.

Output:

Compiler Message

Success

idden test case

Input (stdin) Download

```
1 5 6 7
2 3 6 10
```

Expected Output Download

```
1 1 1
```

Q6)

You made this submission 19 minutes ago.

Score: 10.00 **Status:** Accepted

People who solved **A Very Big Sum** attempted this next:

Diagonal Difference

Calculate the absolute difference of sums across the two diagonals of a square matrix.

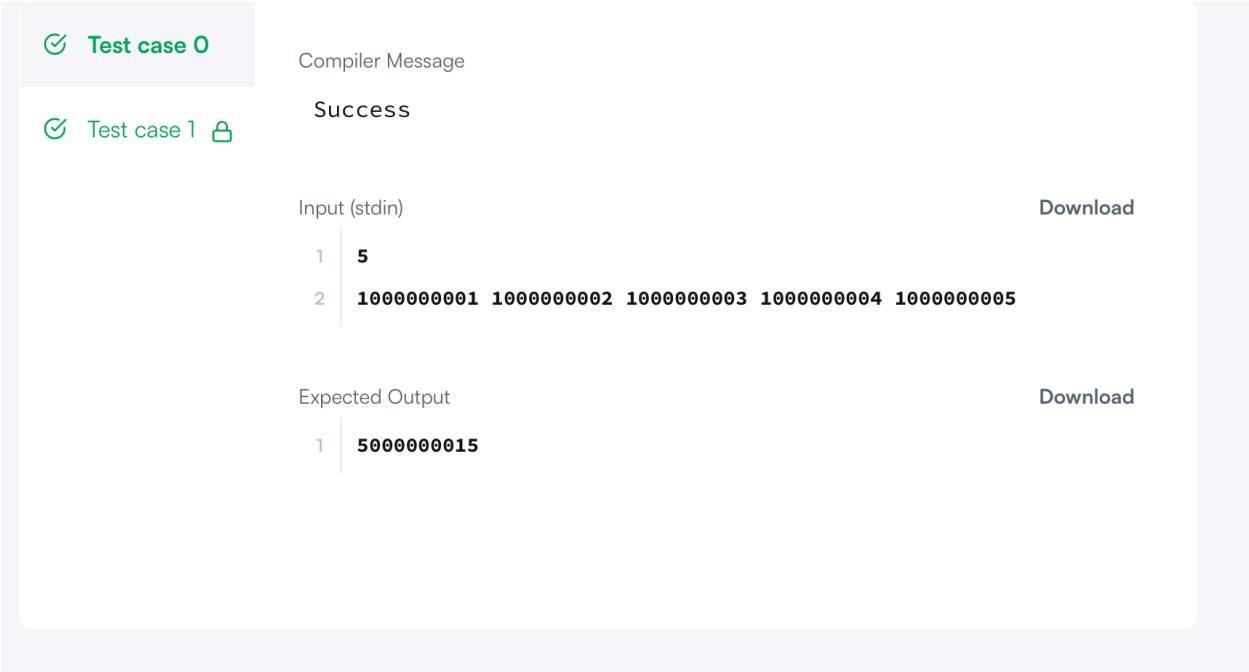
Solve Challenge

Submitted Code

Language: Python 3 Open in editor

```
#!/bin/python3

import math
import os
import random
import re
import sys

#
# Complete the 'aVeryBigSum' function below.
#
# The function is expected to return a LONG_INTEGER.
# The function accepts LONG_INTEGER_ARRAY ar as parameter.
#

def aVeryBigSum(ar):
```

Output:


Test case 0
Test case 1
Compiler Message
Success
Input (stdin)
Download
1 5
2 1000000001 1000000002 1000000003 1000000004 1000000005
Expected Output
Download
1 5000000015

Q7)

You made this submission 22 minutes ago.

Score: 10.00 **Status:** Accepted

People who solved **Birthday Cake Candles** attempted this next:

Coprime Paths

Find the number of coprime pairs on a path of a graph.

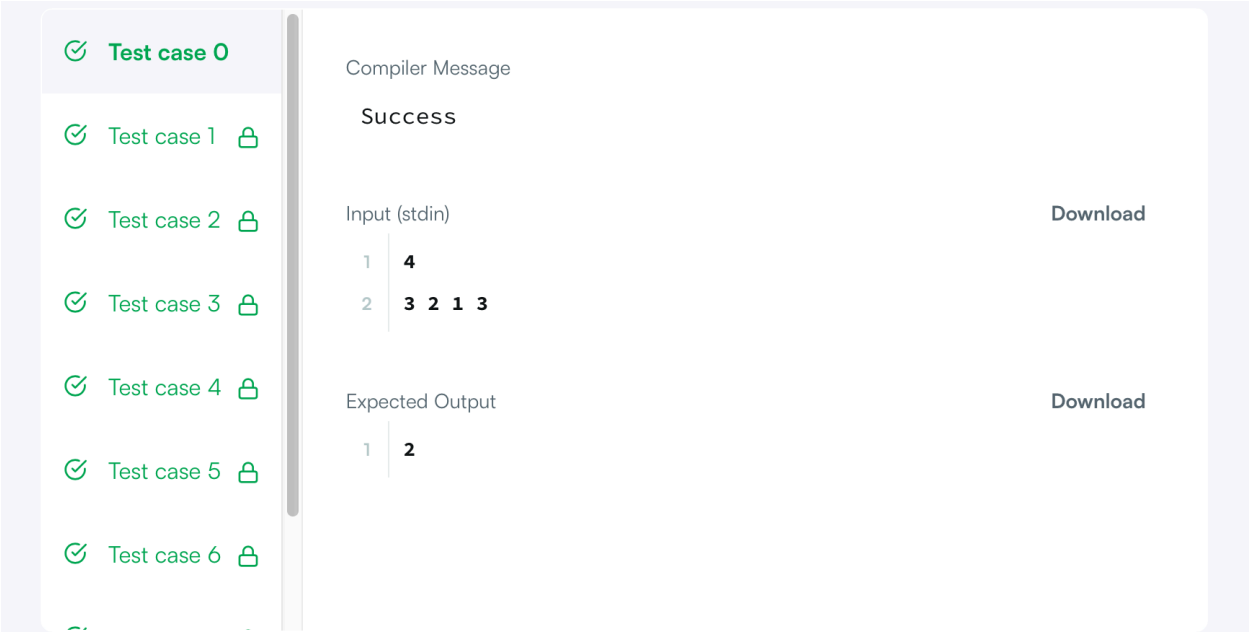
Solve Challenge

Submitted Code

Language: Python 3 Open in editor

```
    tallest_count = candles.count(max_height)
    return tallest_count

if __name__ == '__main__':
    fptr = open(os.environ['OUTPUT_PATH'], 'w')

    candles_count = int(input().strip())

    candles = list(map(int, input().rstrip().split()))

    result = birthdayCakeCandles(candles)

    fptr.write(str(result) + '\n')

    fptr.close()

```

Output:



Q8)

You made this submission 24 minutes ago.

Score: 10.00 **Status:** Accepted

People who solved **Staircase** attempted this next:

New Year Game

Given the initial array of numbers, determine who wins the game.

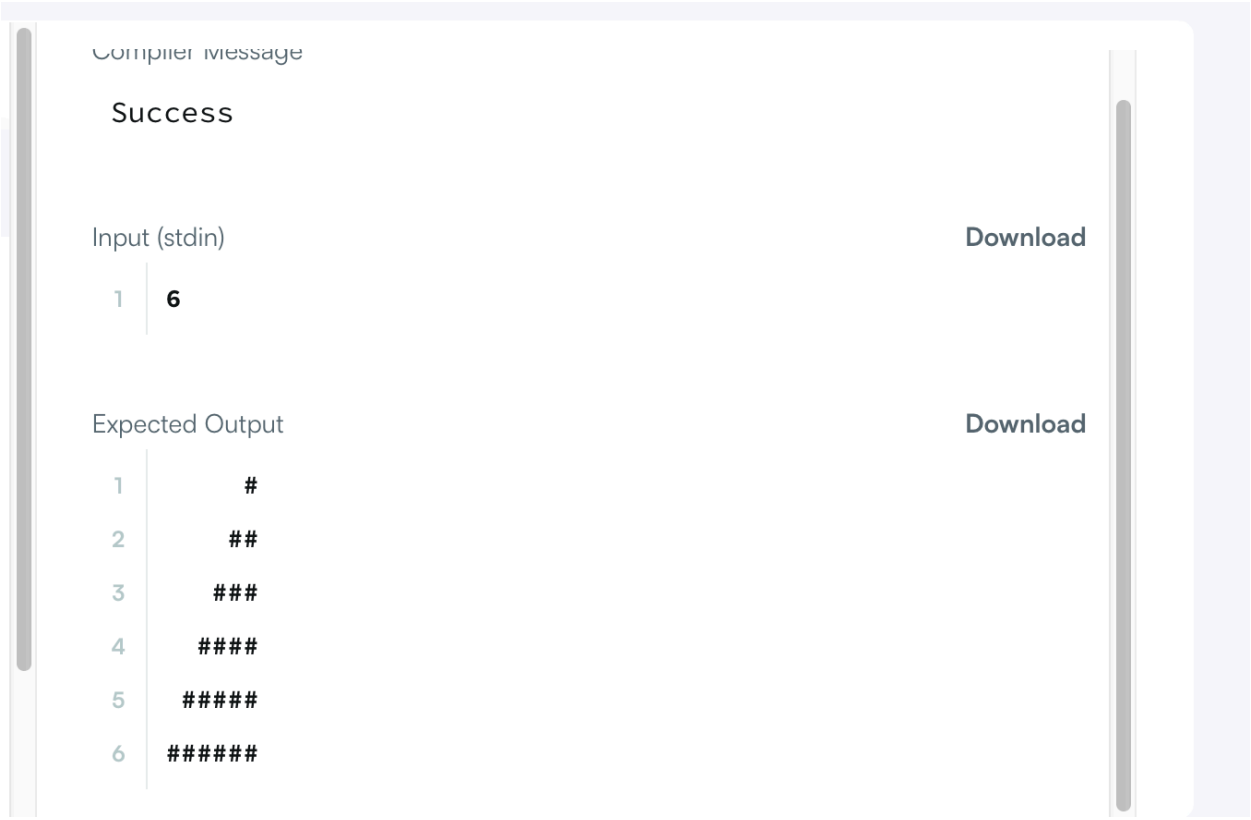
Solve Challenge

Submitted Code

Language: Python 3 Open in editor

```
#!/bin/python3

import math
import os
import random
import re
import sys

#
# Complete the 'staircase' function below.
#
# The function accepts INTEGER n as parameter.
#

def staircase(n):
    for i in range(1, n + 1):
```

Output:


Compiler Message
Success
Input (stdin)
Download
1 6
Expected Output
Download
1 #
2 ##
3 ###
4 ####
5 #####
6 ######

Q9)

You made this submission 27 minutes ago.

Score: 10.00 **Status:** Accepted

People who solved **Mini-Max Sum** attempted this next:

Making Candies

Help Karl determine the number of passes necessary to make n candies in CandyMaker.

Solve Challenge

Submitted Code

Language: Python 3 Open in editor

```
#!/bin/python3

import math
import os
import random
import re
import sys

#
# Complete the 'miniMaxSum' function below.
#
# The function accepts INTEGER_ARRAY arr as parameter.
#

def miniMaxSum(arr):
    arr.sort()
```

Output:

Compiler Message

Success

Input (stdin) Download

```
1 2 3 4 5
```

Expected Output Download

```
10 14
```

10)

You made this submission 24 minutes ago.

Score: 15.00 **Status:** Accepted

People who solved **Time Conversion** attempted this next:

Ashton and String

What is the Kth character in a string formed by concatenating lexicographically arranged substrings of a given string?

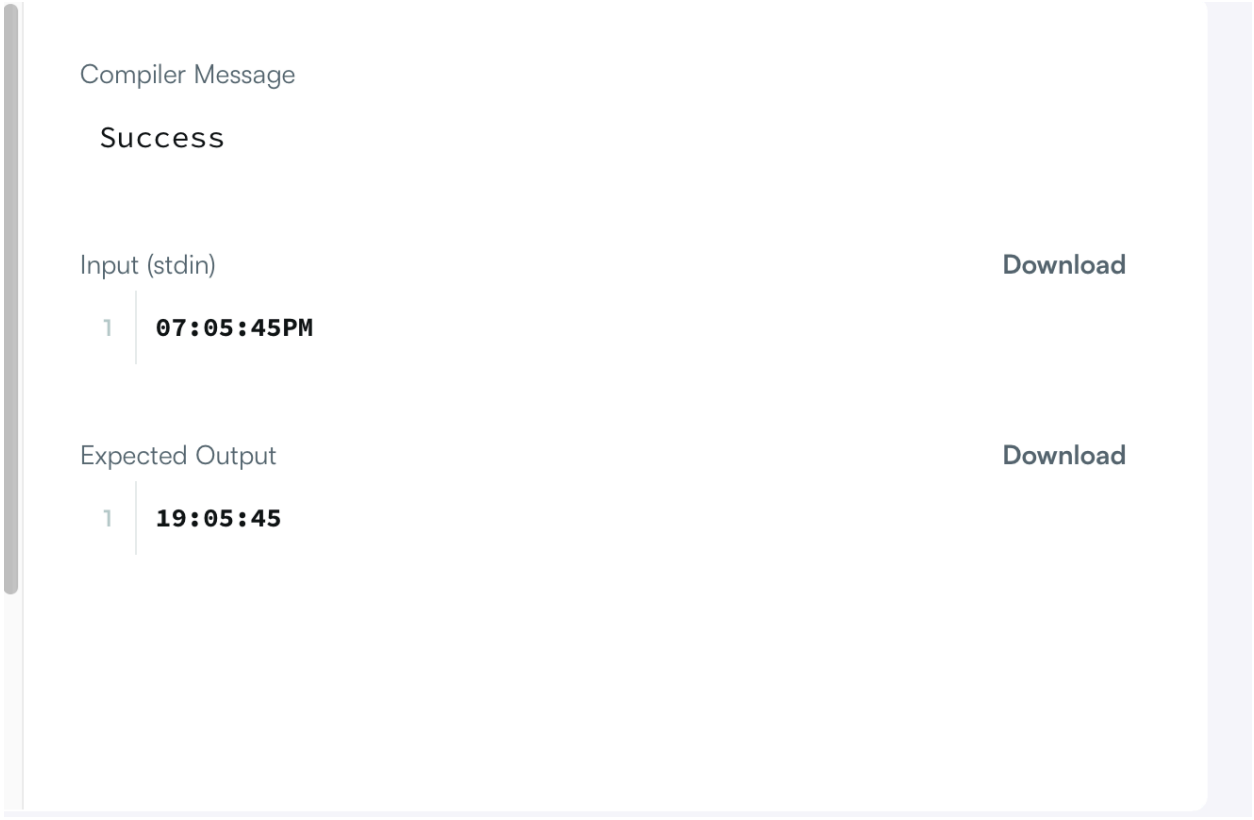
Solve Challenge

Submitted Code

Language: Python 3 Open in editor

```
#!/bin/python3

import math
import os
import random
import re
import sys

#
# Complete the 'timeConversion' function below.
#
# The function is expected to return a STRING.
# The function accepts STRING s as parameter.
#

def timeConversion(s):
```

Output:


Compiler Message
Success
Input (stdin)
Download
1 07:05:45PM
Expected Output
Download
1 19:05:45