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All Contests > AI SIG CONTEST

Submissions

Sort by DateSort by Challenge

Problem	Language	Time	Result	Score	
Triangle Quest 2	Python 3	2 minutes ago	Accepted	10	View Results
Validating Credit Card Numbers	Python 3	about 24 hours ago	Accepted	10	View Results
No Ideal	Python 3	1 day ago	Accepted	10	View Results
Time Delta	Python 3	1 day ago	Accepted	10	View Results
Company Logo	PyPy3	1 day ago	Accepted	10	View Results

1.

Triangle Quest 2

Problem

Submissions

Leaderboard

Discussions

Submitted 5 minutes ago • Score: 10.00

Status: Accepted

✓ Test Case #0

✓ Test Case #1

✓ Test Case #2

✓ Test Case #3

✓ Test Case #4

✓ Test Case #5

Submitted Code

Language: Python 3

Open in editor

1

2

3

4

```
for i in range(1, int(input()) + 1):
    print((10 ** i - 1) ** 2 // 81)
```

2.

All Contests > AI SIG CONTEST > Validating Credit Card Numbers

Validating Credit Card Numbers

Problem

Submissions

Leaderboard

Discussions

Submitted a day ago • Score: 10.00

Status: **Accepted**

✓	Test Case #0	✓	Test Case #1	✓	Test Case #2
✓	Test Case #3	✓	Test Case #4	✓	Test Case #5

Submitted Code

Language: Python 3

[Open in editor](#)

```
1 import re
2
3 for i in range(int(input())):
4
5     card = input()
6
7     # using try and except block
8     try:
9         assert re.search(r'^[456]', card)
10        assert re.search(r'^(-?\d{4}){4}$', card)
11        assert not re.search(r'(\d)(-?\1){3}', card)
12
13
14    except:
15        print('Invalid')
16    else:
17        print('Valid')
```

3.

All Contests > AI SIG CONTEST > No Ideal

No Idea!

Problem	Submissions	Leaderboard	Discussions
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Submitted a day ago • Score: 10.00

Status: Accepted

✓	Test Case #0	✓	Test Case #1	✓	Test Case #2
✓	Test Case #3	✓	Test Case #4	✓	Test Case #5
✓	Test Case #6	✓	Test Case #7		

Submitted Code

Language: Python 3

 Open in editor

```
1 def main():
2
3     happiness = 0
4
5     #user inputs
6     n, m = map(int, input().strip().split(' '))
7     arr = list(map(int, input().strip().split(' ')))
8
9     # into set
10    ok = set(map(int, input().strip().split(' ')))
11    notok = set(map(int, input().strip().split(' ')))
12
13    #using for loop
14    for i in arr:
15        if i in ok:
16            happiness += 1
17        elif i in notok:
18            happiness -= 1
19
20
21    print(happiness)
22
23 main()
```

4.

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All Contests > AI SIG CONTEST > Time Delta

Time Delta

Problem

Submissions

Leaderboard

Discussions

Submitted a day ago • Score: 10.00 Status: Accepted

✓ Test Case #0	✓ Test Case #1	✓ Test Case #2
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Submitted Code

Language: Python 3 [Open in editor](#)

```
1 #!/bin/python3
2
3 import math
4 import os
5 import random
6 import re
7 import sys
8 from datetime import datetime
9
10 # Complete the time_delta function below.
11 def time_delta(t1, t2):
12     |
13     first = datetime.strptime(t1,'%a %d %b %Y %H:%M:%S %z')
14     second = datetime.strptime(t2,'%a %d %b %Y %H:%M:%S %z')
15     return str(abs(int((first-second).total_seconds()))))
16
17 if __name__ == '__main__':
18     fptr = open(os.environ['OUTPUT_PATH'], 'w')
19
20     t = int(input())
21
22     for t_itr in range(t):
23         t1 = input()
24
25         t2 = input()
26
27         delta = time_delta(t1, t2)
28
29         fptr.write(delta + '\n')
30
31     fptr.close()
```

5.

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Company Logo

Problem

Submissions

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Discussions

Submitted a day ago • Score: 10.00

Status: Accepted

✓

Test Case #0

✓

Test Case #1

✓

Test Case #2

✓

Test Case #3

✓

Test Case #4

✓

Test Case #5

Submitted Code

Language: PyPy3

Open in editor

1

#!/bin/python3

2

3

import math

4

import os

5

import random

6

import re

7

import sys

8

from collections import Counter

9

10

11

if __name__ == '__main__':

12

s = input()

13

s = sorted(s)

14

15

freq = Counter(list(s))

16

17

for k, v in freq.most_common(3):

18

print(k, v)