

1. Company logo

Company Logo

Problem

Submissions

Leaderboard

Discussions

Submitted an hour 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 = sorted(input().strip())
13     s_counter = Counter(s).most_common()
14     s_counter = sorted(s_counter, key=lambda x: (x[1] * -1, x[0]))
15     for i in range(0, 3):
16         print(s_counter[i][0], s_counter[i][1])
17
```

2. Time Delta

HackerRank

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All Contests > AI SIG CONTEST > Time Delta

Time Delta

Problem

Submissions

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Discussions

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

;

3. No Idea!

HackerRank

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No Idea!

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✓	Test Case #6	✓	Test Case #7		

Submitted Code

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

```
1 if __name__ == '__main__':
2     happiness = 0
3     n,m = map(int, input().rstrip().split(' '))
4     arr = list(map(int, input().rstrip().split(' ')))
5
6     good = set(map(int, input().rstrip().split(' ')))
7     bad = set(map(int, input().rstrip().split(' ')))
8
9     for i in arr:
10         if i in good:
11             happiness += 1
12         elif i in bad:
13             happiness -= 1
14     print(happiness)
```

4. Triangle Quest 2

HackerRank

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All Contests > AI SIG CONTEST > Triangle Quest 2

Triangle Quest 2

Problem

Submissions

Leaderboard

Discussions

Submitted an hour 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
5 for i in range(1,int(input())+1):
6     print((10**i//9)**2)
```

5. Validating Credit Card Numbers

HackerRank

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CERTIFY

COMPLETE

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All Contests > AI SIG CONTEST > Validating Credit Card Numbers

Validating Credit Card Numbers

ProblemSubmissionsLeaderboardDiscussions

Submitted an hour ago • Score: 10.00Status: Accepted

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

Submitted Code

Language: Python 3Open in editor

```
1 import re
2
3 # taking input from user
4 n = int(input())
5
6 for t in range(n):
7
8     #taking the credit card number from user
9     credit = input().strip()
10    credit_removed_hyphen = credit.replace('-', '')
11
12    # valid is true in the beginning
13    valid = True
14
15    length_16 = bool(re.match(r'^([4-6])\d{15}$', credit))
16    length_19 = bool(re.match(r'^([4-6])\d{13}-\d{4}-\d{4}-\d{4}$', credit))
17    consecutive = bool(re.findall(r'^(?!0000000000000000)', credit_removed_hyphen))
18
19    # checking if the above expressions are true
20    if length_16 == True or length_19 == True:
21        if consecutive == True:
22            valid = True
23        else:
24            valid = False
25    if valid == True:
26        print('Valid')
27    else:
28        print('Invalid')
```