

ACM - AI SIG Tasks (Category – 2)

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S3 AIE [B]

Task – 2

HackerRank

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Problem

Submissions

Leaderboard

Discussions

Submitted 4 days 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

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```
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 if __name__ == '__main__':
11     s = sorted(input())
12     freq=Counter(list(s))
13     for k, v in freq.most_common(3):
14         print(k, v)
15
16
```

HackerRank

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All Contests > AI SIG CONTEST > Time Delta

Time Delta

Problem

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Status: Accepted

✓ Test Case #0

✓ Test Case #1

✓ Test Case #2

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

No Ideal!

Problem	Submissions	Leaderboard	Discussions
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Submitted 2 days 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

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```
1 if __name__ == "__main__":
2     happiness = 0
3     n,m = map(int, input().strip().split(' '))
4     arr = list(map(int, input().strip().split(' ')))
5
6     good = set(map(int, input().strip().split(' ')))
7     bad = set(map(int, input().strip().split(' ')))
8
9     if (n>=1 and n<=100000) and (m>=1 and m<=100000):
10         for i in arr:
11             if i in good:
12                 happiness += 1
13             elif i in bad:
14                 happiness -= 1
15         print(happiness)
16     else:
17         print('Wrong input')
```

Triangle Quest 2

Problem	Submissions	Leaderboard	Discussions
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Submitted 2 days 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

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```
1 for i in range(1,int(input())+1):
2     print(((pow(10,i)-1)//9)+*2)
3
```

Validating Credit Card Numbers

Problem

Submissions

Leaderboard

Discussions

Submitted 2 days 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

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```
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_hiphen = credit.replace('-', '')
11
12    # valid is true in the beggining
13    valid = True
14
15    length_16 = bool(re.match(r'^[4-6]\d{15}$', credit))
16    length_19 = bool(re.match(r'^[4-6]\d{3}-\d{4}-\d{4}-\d{4}$', credit))
17    consecutive = bool(re.findall(r'(?=\d)\d{1,1}', credit_removed_hiphen))
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')
```