AI-ACM SIG TASKS

CATEGORY 2
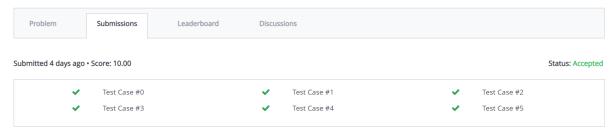
Name: ANNAPOORNA A K

Roll Number: AM.EN. U4AIE21114

Submissions

[Sort by Date] [Sort by Challenge]

Problem	Language	Time	Result	Score	
Validating Credit Card Numbers	Python 3	about 1 hour ago	Accepted ✔	10	View Results
Triangle Quest 2	Python 3	about 1 hour ago	Accepted ✔	10	View Results
No Idea!	Python 3	2 days ago	Accepted ✔	10	View Results
Time Delta	Python 3	3 days ago	Accepted ✔	10	View Results
Company Logo	Python 3	4 days ago	Accepted ✔	10	View Results

Q.1 Company Logo

Company Logo

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   ⑃ Open in editor

```python
#!/bin/python3

from collections import Counter

s = input()
text=list(s)
text.sort()
#print(text)
countfreq=Counter(list(text))
#print(countfreq)
for x,y in countfreq.most_common(3):
    print(x,y)
```
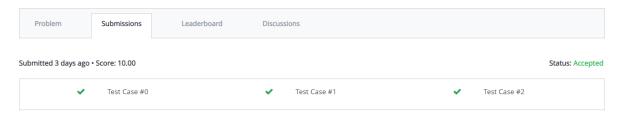
Q. 2 Time Delta

Time Delta

Problem	Submissions	Leaderboard	Discussions

Submitted 3 days ago • Score: 10.00   Status: Accepted

✔ Test Case #0	✔ Test Case #1	✔ Test Case #2

Submitted Code

Language: Python 3   ⅄ Open in editor

```python
1  import math
2  import os
3  from datetime import datetime
4  # Complete the time_delta function below.
5
6  def time_delta(t1, t2):
7      t1=datetime.strptime(t1,'%a %d %b %Y %X %z') #convert string into datetime object
8      t2=datetime.strptime(t2,'%a %d %b %Y %X %z' )
9      #t=str(abs(int(t1-t2)))
10     t=abs(t1-t2).total_seconds() #returns total seconds in the time
11     time=str(int(t))
12     return time
13
14 if __name__ == '__main__':
15     fptr = open(os.environ['OUTPUT_PATH'], 'w')
16
17     t = int(input())
18
19     for t_itr in range(t):
20         t1 = input()
21
22         t2 = input()
23
24         delta = time_delta(t1, t2)
25
26         fptr.write(delta + '\n')
27
28     fptr.close()
29
```

Q. 3 No Idea!

No Idea!

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
✔ Test Case #6	✔ Test Case #7	

Submitted Code

Language: Python 3   ⑂ Open in editor

```python
1  n,m=input().split()
2  arr=input().split()
3  #print("n",n)
4  #print("m",m)
5
6  A=set(input().split())
7  B=set(input().split())
8  #print("A",A)
9  #print("B",B)
10
11 count=0
12 for i in arr: #condition checking
13     if i in A:
14         count+=1
15     if i in B:
16         count-=1
17
18 print(count) #total happiness
19
20
```

Q.4 Triangle Quest 2

Triangle Quest 2

Problem	Submissions	Leaderboard	Discussions

Submitted 41 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

```python
1
2
3
4
5  for i in range(1,int(input())+1): #More than 2 lines will result in 0 score. Do not leave a blank line also
6      print (((10**i-1)//9)**2)
```

Q.5 Validating Credit Card Numbers

Validating Credit Card Numbers

Problem	Submissions	Leaderboard	Discussions

Submitted 14 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  import re #regular expression module
2  c_pattern=re.compile(
3      r'^'
4      r'(?!.*(\d)(-?\1){3})'
5      r'[456]\d{3}'
6      r'(?:-?\d{4}){3}'
7      r'$')
8  for i in range(int(input().strip())):
9      print('Valid' if c_pattern.search(input().strip()) else 'Invalid')
```