HackerRank

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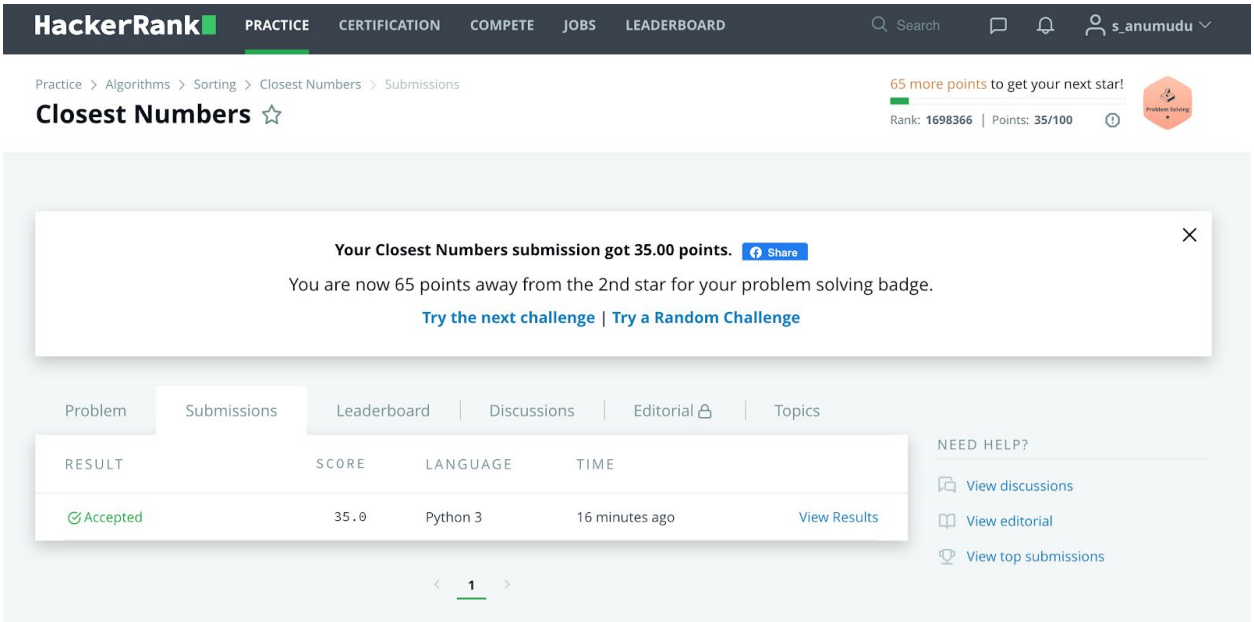
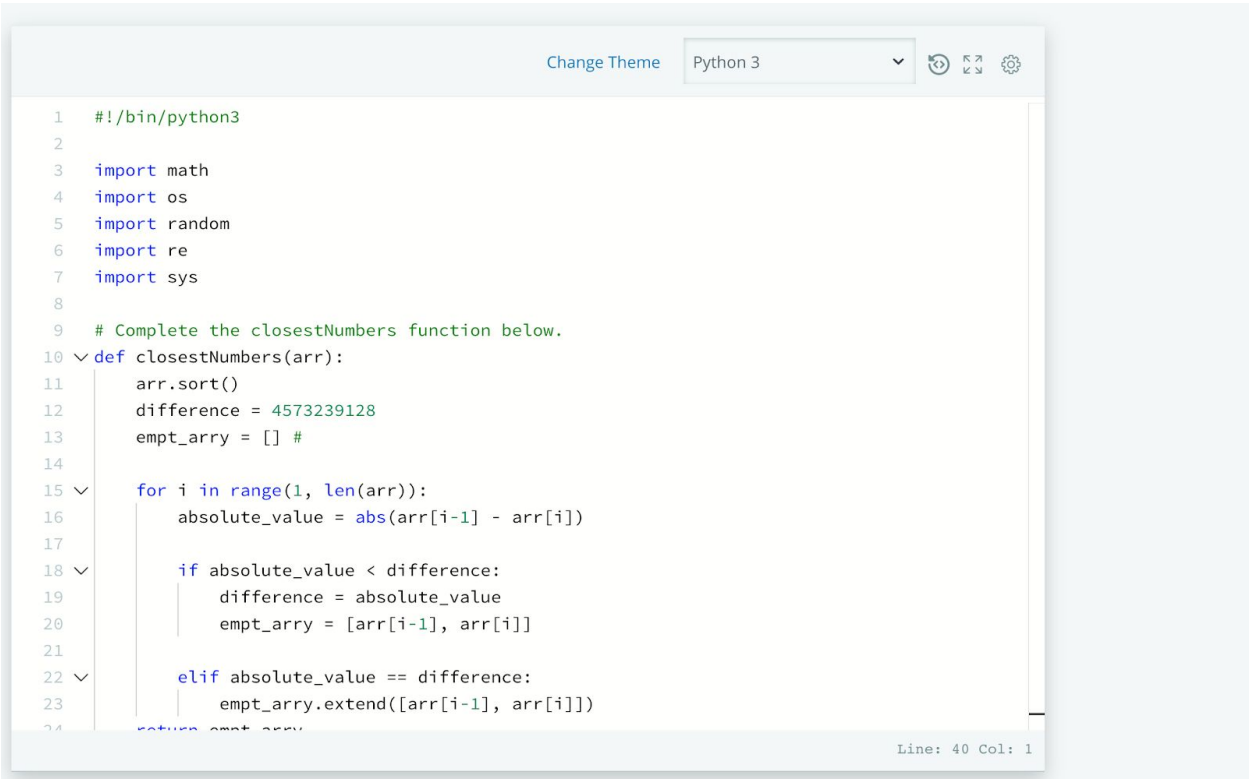
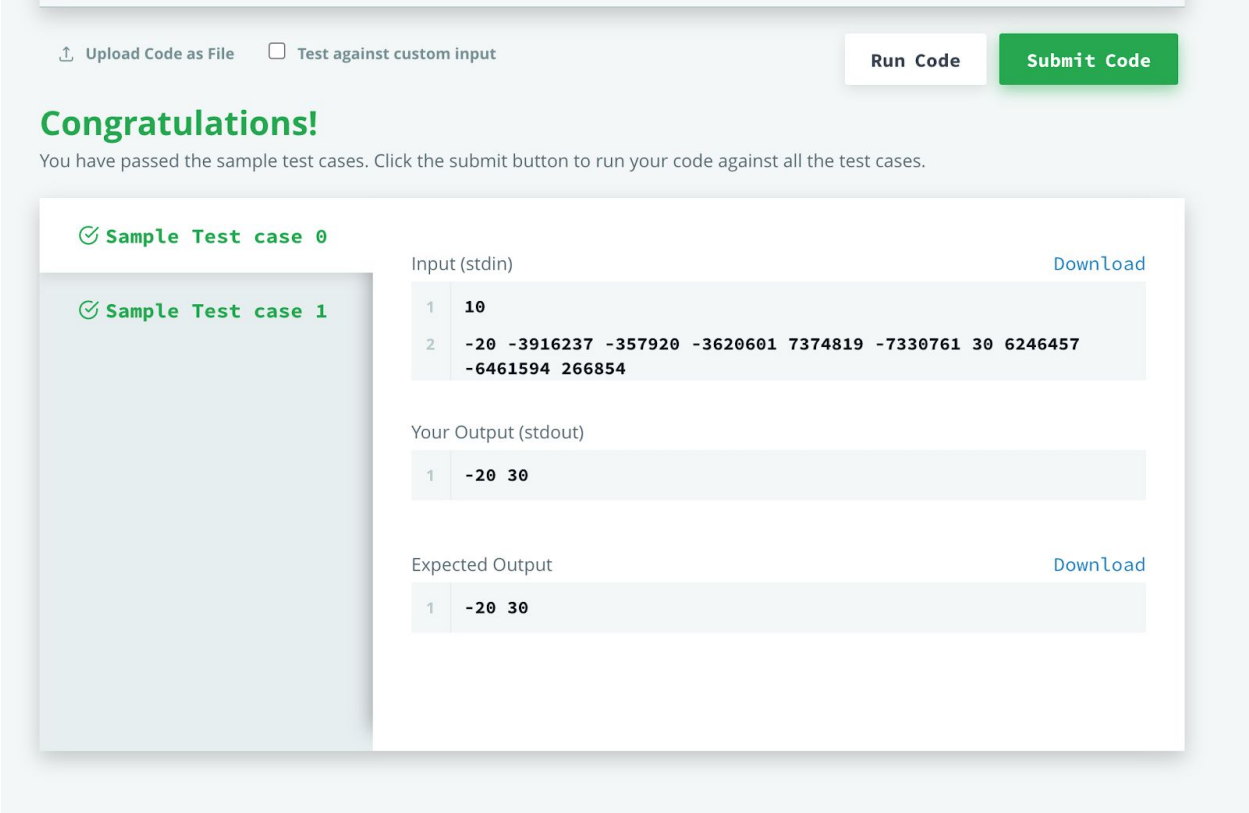
Screenshots:





Change Theme | Python 3

```python
#!/bin/python3

import math
import os
import random
import re
import sys

# Complete the closestNumbers function below.
def closestNumbers(arr):
    arr.sort()
    difference = 4573239128
    empt_arry = [] #

    for i in range(1, len(arr)):
        absolute_value = abs(arr[i-1] - arr[i])

        if absolute_value < difference:
            difference = absolute_value
            empt_arry = [arr[i-1], arr[i]]

        elif absolute_value == difference:
            empt_arry.extend([arr[i-1], arr[i]])
    return empt_arry


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

    n = int(input())

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

    result = closestNumbers(arr)
```



Code Snippet:

```
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import os
import random
import re
import sys

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    for i in range(1, len(arr)):
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        if absolute_value < difference:
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            empt_arry = [arr[i-1], arr[i]]

        elif absolute_value == difference:
            empt_arry.extend([arr[i-1], arr[i]])
    return empt_arry


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

    n = int(input())

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

    result = closestNumbers(arr)

    fptr.write(' '.join(map(str, result)))
    fptr.write('\n')

    fptr.close()
```