

HackRank Username: @p_ikirezi

Submission Tab Screenshot:

The screenshot shows the HackerRank interface for the 'Closest Numbers' problem. The user's profile is @p_ikirezi. The problem is marked as a favorite. A notification banner states: 'Your Closest Numbers submission got 35.00 points. You are now 64 points away from the 2nd star for your problem solving badge. Try the next challenge | Try a Random Challenge'. The 'Submissions' tab is active, showing a table with two accepted submissions, both with a score of 35.00 and using Python 3. The first submission was made 6 minutes ago, and the second 9 minutes ago. To the right of the table are links for 'View discussions', 'View editorial', and 'View top submissions'. A 'NEED HELP?' section is also visible.

RESULT	SCORE	LANGUAGE	TIME	
Accepted	35.00	Python 3	6 minutes ago	View Results
Accepted	35.00	Python 3	9 minutes ago	View Results

Codes:

```
import math
import os
import random
import re
import sys

# Complete the closestNumbers function below.
def closestNumbers(arr):
    # Sorting the array
    arr.sort()
    diff = []
    prev = 0
    # Calculating the difference
    for i in range(1, len(arr)):
        # Finding if there is no duplicate
        if arr[prev] == arr[i]:
            return "Not unique"
        # Making difference of each pair
        diff.append(arr[i] - arr[prev])
```

```
        prev = prev + 1

minf = min(diff)
prev = 0
newarr = []
for i in range(1, len(arr)):
    # Finding the pair with the min difference
    if arr[i] - arr[prev] == minf:
        newarr.append(arr[prev])
        newarr.append(arr[i])
        prev = prev + 1
    return newarr

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()
```