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Closest Numbers ☆

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Codes:

```
#!/bin/python3

import math
import os
import random
import re
import sys

# Complete the closestNumbers function below.
def closestNumbers(arr):
    # sorting the array if its not sorted
    arr.sort()

    diff = []
    prev = 0
```

```

newarr = []
for i in range(1, len(arr)):
    # Testing if the elements are unique
    if arr[prev] == arr[i]:
        return "Elements are not unique"

    diff.append(arr[i] - arr[prev])
    prev += 1

sdiff = min(diff)

# Creating a new array with elements with the smallest
differences
prev = 0
for i in range(1, len(arr)):
    if (arr[i] - arr[prev]) == sdiff:
        newarr.append(arr[prev])
        newarr.append(arr[i])
    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()

```