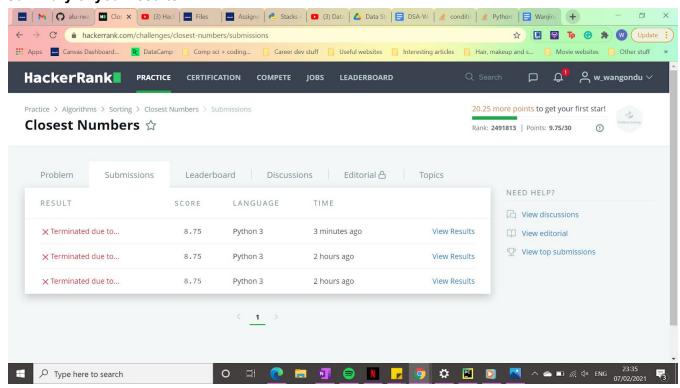
Programming Assignment 1

Hackerrank username: w_wangondu

Summary of your results:



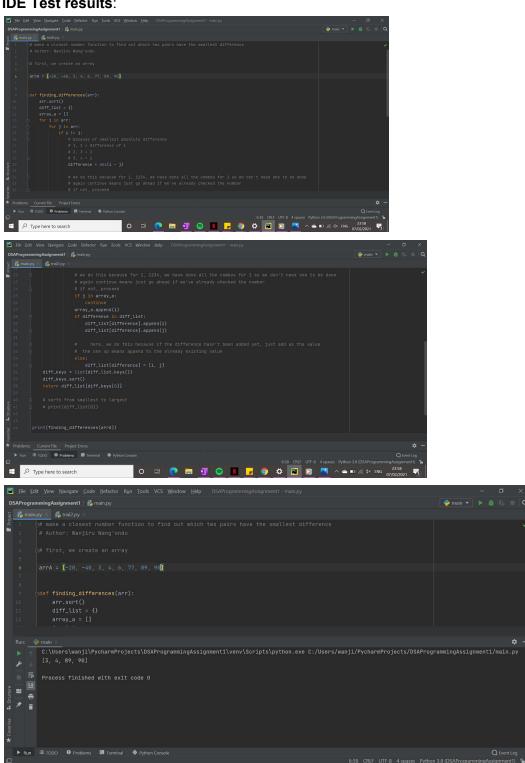
```
Code:
def closestNumbers(arr):
   arr.sort()
   diff list = {}
   array a = []
    for i in arr:
        for j in arr:
            if i != j:
                # because of smallest absolute difference
                #1, 2 = difference of 1
                #2, 3 = 1
                # 3, 4 = 1
                difference = abs(i - j)
                # we do this because for 1, 1234, we have done all
the combos for 1 so we don't need one to be done
                # again continue means just go ahead if we've already
checked the number
                # if not, proceed
                if j in array a:
                    continue
                array a.append(i)
                if difference in diff list:
                    diff list[difference].append(i)
                    diff list[difference].append(j)
                      here, we do this because if the difference
hasn't been added yet, just add as the value
                # the one up means append to the already existing
value
                else:
                    diff list[difference] = [i, j]
    diff keys = list(diff list.keys())
```

diff_keys.sort()

return diff list[diff_keys[0]]

IDE Test results:

Type here to search



6.38 CRLF UTF-8 4 spaces. Python 3.8 (DSAProgrammingAssignmentit) &
O 日 ② 🛅 🛂 ⑤ 🚺 🗾 ② 🌣 🔞 ② 🧸 ^ 🚓 🔟 6. 4 * ENG 07/02/2021 📢