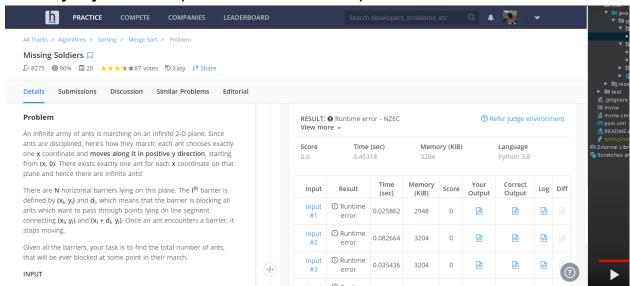
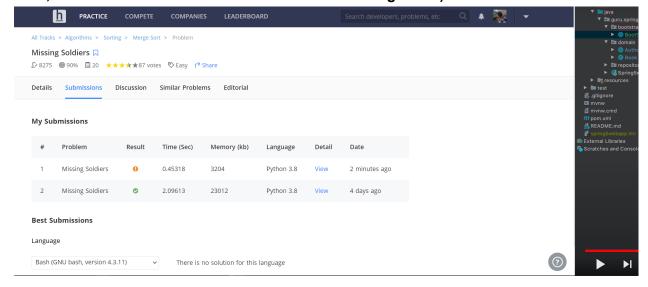
## **Programming Assignment 3**

Hackerrank username: w\_wangondu\*
\*submitted by classmate Fiona Ng'ang'a

Summary of your results (from Fiona's hackerearth):



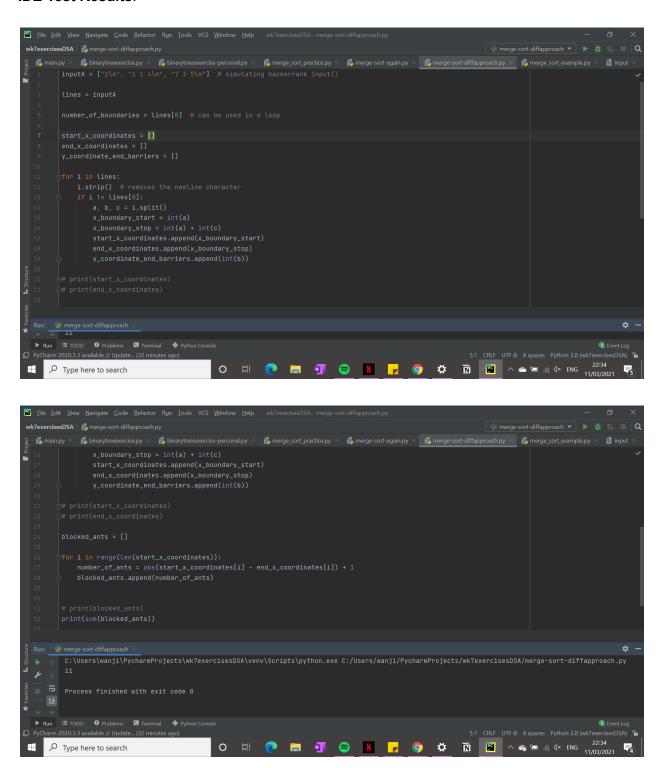
N/B - (the submission 1 which says 2 minutes ago and has an orange error symbol is mine, the other one is Fiona's submission for her assignment)



## Code (from my pycharm):

```
inputA = ["2\n", "1 1 4\n", "7 3 5\n"] # simulating hackerrank input()
lines = inputA
number_of_boundaries = lines[0] # can be used in a loop
start x coordinates = []
end x coordinates = []
y coordinate end barriers = []
for i in lines:
  i.strip() # removes the newline character
  if i != lines[0]:
      a, b, c = i.split()
      x_boundary_start = int(a)
      x_boundary_stop = int(a) + int(c)
       start x coordinates.append(x boundary start)
       end_x_coordinates.append(x_boundary_stop)
      y_coordinate_end_barriers.append(int(b))
# print(start_x_coordinates)
# print(end x coordinates)
blocked ants = []
for i in range(len(start x coordinates)):
   number of ants = abs(start x coordinates[i] - end x coordinates[i]) + 1
  blocked ants.append(number of ants)
# print(blocked ants)
print(sum(blocked ants))
```

## **IDE Test Results:**



Note: On the IDE, the code worked. I would appreciate it if you would test the code in your own IDE, or at least tell me why it gives the right answer on the IDE but not on Hackerearth.