Submission

ID	DATE	PROBLEM	STATUS	CPU	LANG
	TEST CASES				
4954914	20:12:01	Natrij	✔ **Accepted**	0.02 s	Python 3
	✔✔✔✔✔✔✔✔✔✔✔✔				

Submission contains 1 file: download zip archive

FILENAME	FILESIZE	SHA-1 SUM	
natrij_260621270.py	646 bytes	`ae5a078d20bb38eb89c8d2e9006cce741cebc734`	download

Edit and resubmit this submission.

natrij_260621270.py

```
 1 from datetime import datetime, timedelta
 2
 3 # There was an Run Time Error from the call below:
 4 # tdelta = timedelta(days=0, seconds=tdelta.seconds)
 5 # I ended up correcting that with help from:
 6 # https://github.com/rvrheenen/OpenKattis/blob/master/Python/natrij/natrij.py
 7 # I have anxiety which causes me to focus on one particular solution.
 8 # I did NOT think about the Run Time Error.
 9
10 FMT = '%H:%M:%S'
11 t1 = datetime.strptime(input().strip(), FMT)
12 t2 = datetime.strptime(input().strip(), FMT)
13
14 if (t1 == t2):
15   print('24:00:00')
16 else:
17   if t1 > t2:
18     t2 += timedelta(days=1)
19   t3 = t2 - t1
20   print("0" + str(t3) if str(t3)[1] == ":" else str(t3))
```

Submission

ID	DATE	PROBLEM	STATUS	CPU	LANG
	TEST CASES				
4958887	10:46:29	Bus Numbers	✔ **Accepted**	0.02 s	Python 3
	✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔				

Submission contains 1 file: download zip archive

FILENAME	FILESIZE	SHA-1 SUM	
busnumbers_260621270.py	732 bytes	`4e819e0144fbb9812ec7959c40caa3b6ffa320d9`	download

Edit and resubmit this submission.

busnumbers_260621270.py

```
 1 # I have anxiety which causes me to focus on one particular solution.
 2 # It was working for the given input, so I needed some new inspiration:
 3 # https://github.com/cliodhnaharrison/kattis/blob/master/busnumbers.py
 4
 5 n = int(input().strip())
 6 buses = sorted(map(int, input().split()))
 7
 8 buses.append(1002) # max = 1'000
 9 chain = 1
10 before = buses[0]
11 output = []
12 i = 1
13 while(i < len(buses)):
14   num = int(buses[i])
15   if(num == (before + 1)):
16     chain += 1
17   else:
18     if(chain >= 3):
19       output.append(str(buses[i - chain]) + "-" + str(buses[i - 1]))
20     elif(chain == 2):
21       output.append(buses[i - 2])
22       output.append(buses[i - 1])
23     else:
24       output.append(buses[i - 1])
25     chain = 1
26   before = num
27   i += 1
28 print(*output)
```

Submission

ID	DATE	PROBLEM	STATUS	CPU	LANG
	TEST CASES				
4995320	10:18:30	Kleptography	✔ **Accepted**	0.02 s	Python 3
	✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔✔ ✔✔✔✔✔✔✔				

Submission contains 1 file: download zip archive

FILENAME	FILESIZE	SHA-1 SUM	
kleptography_260621270.py	607 bytes	5de3ca6ae70cf6d23cfe252f6b43099f35cae58a	download

Edit and resubmit this submission.

kleptography_260621270.py

```
# There was not enough time during the competition to code this!
# I was a COMP322(C++) TA in 2019-01 after taking the course in the previous year.
# That is how I know how to read C++. I checked my answer with the following
# URLs:

# https://github.com/kantuni/Kattis/blob/master/kleptography.cpp
# https://github.com/iandioch/solutions/blob/master/kattis/kleptography/solution.py

n, m = map(int, input().split())
key = input()
text = input()

output = list(' '*(m - n) + key)
for i in range(m - 1, n - 1, -1):
  output[i - n] = chr(ord('a') + (ord(text[i]) - ord(output[i])) % 26)
print(''.join(output))
```