

```
1 # Name: Christopher Liang
2 # Team: We Sense
3 # Intermediate Division
4 # ACSL Contest #1
5 # Date of Program: 12/14/2019
6 # Grade: 6
7 # Language: Python
8 # Input Data Method: file
9 def compute(Input):
10     Input = Input.split()
11     U = []
12     for i in Input[0]:
13         U.append(i)
14     N = Input[0]
15     T = Input[1]
16     Num = N[-int(T)]
17     I = len(Input[0]) - int(T)
18     addList = ''
19     subList = ''
20     if I > 0:
21         for i in range(I):
22             R = (int(U[i]) + int(Num))%10
23             addList += (str(R))
24     if int(T) > 1:
25         for i in range(int(T)):
26             R = (abs(int(U[i-int(T)]) - int(Num)))%10
27             subList += (str(R))
28     A = addList + Num + subList[1:]
29     return A
30 iFile = open("int-sample-input.txt", "r")
31 allLines = iFile.readlines()
32 for aStr in allLines:
33     print(compute(aStr))
34 iFile.close()
35
```