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1 num_file = open("1jr_testdata.txt", "r")
2 num_list = []
3 for line in num_file.readlines():
4     num_list.append(line[:len(line)-1])
5 for j in range(len(num_list)):
6     num_list[j] = num_list[j].split()
7
8
9 def transformation():
10     num_transformations = []
11     for element in num_list:
12         num_final = []
13         n = element[0]
14         p = int(element[1])
15         d = int(element[2])
16         num = int(n[len(n)-p])
17         num_final.append(n[0:len(n) - p])
18         if 0 <= num <= 4:
19             sum1 = str(num+d)
20             sum1 = sum1[len(sum1)-1]
21             num_final.append(int(sum1))
22         elif 5 <= num <= 9:
23             diff = str(num-d)
24             if int(diff) < 0:
25                 diff = int(diff)*-1
26                 diff = str(diff)[0]
27             num_final.append(int(diff))
28         for i in range(len(n)-(len(n)-p)-1):
29             num_final.append(0)
30         num_transformations.append(num_final)
31     return num_transformations
32
33
34 def output(final):
35     for a in final:
36         x = ''
37         for b in range(len(a)):
38             x += str(a[b])
39         print(x)
40
41
42 output(transformation())
```