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# Grade: 8th  
# Division: Junior-5 (Python)  
# Contest 1 Year: 2019-2020  
# Team: Herndon Test Prep  
# Program: Junior Division: Number Transformation

# Data collection
input = open("jr-test-input.txt")#input
inpu = input.read()
inpu= inpu.split("\n")
one=inpu[0]
two=inpu[1]
three=inpu[2]
four=inpu[3]
five=inpu[4]

# End of data collection

def numtrans(x):
a=x.split(" ")
n = a[0]
p = int(a[1])
d = int(a[2])

num=int(n[len(n)-p])
inspot=len(str(n))-p  #location of changing num

if num<=4:
c=str(d+num)  #d+loctoin number
b=len(c)-1
return(str(n).replace(n[inspot:],str(b)+"0"*(p-1)))  #output
elif num>5:
c=str(abs(d-num))  #d+locotion Number
b=c[0]  #first digit
return(str(n).replace(n[inspot:],str(b)+"0"*(p-1)))  #output

print(numtrans(one))
print(numtrans(two))
print(numtrans(three))
print(numtrans(four))
print(numtrans(five))