

```

import numbers
def Number_Transformation(N,P,D):
    strN = str(N)
    lenN = len(strN)#converts it to a string to get its length
    PthDigitFromRight = strN[-P]
    if (int(PthDigitFromRight) >= 0) and (int(PthDigitFromRight)<=4):
        tempSum = int(PthDigitFromRight) + D
        Digit = str(tempSum)[-1]#rightmost digit
        StuffLeft = strN[0:(lenN-P)]
    elif (int(PthDigitFromRight) >= 5) and (int(PthDigitFromRight) <= 9):
        tempSum= abs(int(PthDigitFromRight)- D)
        Digit = str(tempSum)[0]#leftmost digit of absolute difference
        StuffLeft = strN[0:(lenN-P)]
    right=''
    for i in range(0, P-1):
        right = right + "0"
    output = StuffLeft + Digit + right
    print("input:", N, P, D)
    print("output:",output)

print(Number_Transformation(4318762,4,3))
print(Number_Transformation(72431685,1,7))
print(Number_Transformation(12345789,7,8))
print(Number_Transformation(9876543210,10,25))
print(Number_Transformation(314159265358,8,428))

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