

```

#DheethyaB201920_C1NumTransform
#Written by Dheethya Balaji, Grade 6
N = input("INPUT: Input a number (N), followed by its position (P), and then its
transform number (D). ")
N_1 = input("INPUT: Input a number (N), followed by its position (P), and then its
transform number (D). ")
N_2 = input("INPUT: Input a number (N), followed by its position (P), and then its
transform number (D). ")
N_3 = input("INPUT: Input a number (N), followed by its position (P), and then its
transform number (D). ")
N_4 = input("INPUT: Input a number (N), followed by its position (P), and then its
transform number (D). ")

list = []
list.append(N)
list.append(N_1)
list.append(N_2)
list.append(N_3)
list.append(N_4)

for i in list:
    if i.find(", ") != -1:
        L = i.split(", ")
    elif i.find(" ") != -1:
        L = i.split(" ")
    else:
        print("Invalid entry. Please try again")
        break

    D = int(L[2])
    P = int(L[1])
    i = L[0]
    new_string = ''
    x = int(i[-P])
    if 0 <= x <= 4:
        s = x + D
        s_2 = str(s)
        x_3 = s_2[-1]
        y = int(x_3)
        z = i[:-P]
        r = len(z)
        zero_string = ''
        for p in range(P - 1):
            zero_string = zero_string + '0'
        a = i[-P - 1:]
        new_string = z + str(y) + zero_string

    else:
        s = abs(x - D)
        s_2 = str(s)

```

```
x_3 = s_2[0]
y = int(x_3)
z = i[:-P]
zero_string = ''
for p in range (P - 1):
    zero_string = zero_string + '0'
a = i[-P-1:]
new_string = z + str(y) + zero_string

print("OUTPUT: " + new_string)
```

```
# Dheethya_B_CompSciPrep_c1_201920_NumTransform
# Written by Dheethya Balaji, Grade 6
```