

```
# Harisudhan Harish 2019-20 C1
```

```
def transform(N, P, D):  
    i = len(N)  
    for i in range(len(N)-1, len(N)-P, -1):  
        N = N[:i] + "0" + N[i+1:]  
        if(int(N[i-1]) <= 4):  
            N = N[:i-1] + str((int(N[i-1]) + D)%10) + N[i:]  
        else:  
            N = N[:i-1] + str(abs((int(N[i-1]) - D)))[0] + N[i:]  
    print(N)  
  
for i in range(5):  
    inp = input("Input N, P, D: ").split(" ")  
    N = inp[0]  
    P = int(inp[1])  
    D = int(inp[2])  
    transform(N, P, D)
```