

```
#555 decoder
def digsum(n):
    S=str(n)
    x=0
    for i in S:
        x=x+int(i)
    return x
input1=int(input())
s1=str(input())
L=[]
for i in s1.split():
    if len(i)==3:
        _string=''
        for j in i:
            _string=_string+str(abs(int(j)-5))
        L.append(int(_string))
    else:
        L.append(0)
for i in range(0,len(L)):
    while(L[i]>=10):
        L[i]=digsum(L[i])
decoded=0
for i in L:
    decoded=decoded+i
print(decoded)
```