

```

#include <fstream>
#include <cmath>
using namespace std;
int main()
{
    int d,p,copiep,poz,digit,i;
    long long n, val=0,ordin=1;
    ifstream f("junior-c1.in");
    ofstream g("junior-c1.out");
    for (i=1;i<=5;i++)
    {
        f>>n>>p>>d;
        copiep=p;ordin=1;
        if (copiep>1)
        do
            {ordin=ordin*10;
            copiep=copiep-1;}
        while (copiep>1);
        digit=n/ordin%10;
        if(digit<=4)
        {
            poz=(digit+d)%10;
            val=n/(ordin*10)*10+poz;
            val=val*ordin;
        }
        else
        {
            poz=abs(d - digit);
            if (poz>9)
            do
                poz=poz/10;
            while(poz>9);
            val=n/(ordin*10)*10+poz;
            val=val*ordin;
        }
        g<<val<<endl;}
    return 0;
}

```