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/**
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#include <iostream>
#include <fstream>
#include <cstring>
#include <cmath>
using namespace std;

ifstream f("number.in");

char n[20], NpozP;
int p, l, pozP;

int toInt(char c)
{
    return c-'0';
}

char toChar(int c)
{
    return c + '0';
}

void onLeftOfP(int st, int dr)
{
    for(int i = st; i <= dr; ++i)
        cout<<(toInt(n[i]) + toInt(NpozP));
}

void onRightOfP(int st, int dr)
{
    for(int i = st; i <= dr; ++ i)
        cout<<abs(toInt(n[i]) - toInt(n[pozP]));
}

long long int formNr()
{
    long long int nr = 0;

    for(int i=0; i<l; ++i)
        nr = nr*10 + toInt(n[i]);
    return nr;
}

int nrDivPrim(long long int x)
{
    long long int nrdp = 0, d;

    if(x < 2)
        return 0;
}

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if(x > 2 && x % 2 == 0)
{
    nrdp++;
    while(x%2 == 0)
        x/=2;
}
for(d = 3; d*d <= x; d += 2)
    if(x%d == 0)
    {
        nrdp++;
        while(x%d == 0)
            x/=d;
    }
if(x != 1)
    nrdp ++;
return nrdp;
}

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int main()
{
    for(int acsl = 0; acsl < 5; ++acsl)
    {
        f>>n>>p;

        l = strlen(n);
        int dePusP = nrDivPrim(formNr());
        pozP = l-p;
        NpozP = n[pozP];

        onLeftOfP(0, pozP-1);
        cout<<dePusP;
        onRightOfP(pozP+1, l-1);
        cout<<'\\n';

    }
    return 0;
}

```