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#include <bits/stdc++.h>

using namespace std;

ifstream fcin("input.txt");
ofstream fcout("output.txt");

string s;

long long p, d, i, j;

int main()
{
    for(i = 1; i <= 5; i++)
    {
        fcin >> s >> p >> d;
        p = (s.size() - p);
        for(j = 0; j < s.size(); j++)
        {
            if(j > p)
                s[j] = '0';
            if(j == p)
            {
                if(s[j] <= '4')
                    s[j] = (s[j] - '0' + d) % 10 + '0';
                else
                {
                    long long k = abs(s[j] - '0' - d);
                    while(k > 9)
                        k /= 10;
                    s[j] = k + '0';
                }
            }
        }
        fcout << s << "\n";
    }
    return 0;
}

```