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import java.io.BufferedReader;
import java.io.FileReader;
import java.io.IOException;

public class Number_Transformation {

    public static void main(String[] args) throws IOException {
        String name = "";
        BufferedReader br = new BufferedReader(new
FileReader("ACSL/src/NumberTrans.txt"));
        int linecnt=0;
        while ((name = br.readLine()) != null) {

            linecnt++;

            String splitStr[] = new String[linecnt];
            splitStr=name.split("\\s+");

            String N=splitStr[0];
            int P=Integer.parseInt(splitStr[1]);
            String k=N.substring(N.length()-P, N.length()-P+1);
            int m, lengthN= N.length();
            for (int i=0; i<lengthN-P; i++) {
                int q=
Integer.parseInt(N.substring(i,i+1))+Integer.parseInt(k);
                if (q>=10) {
                    m=q-10;
                    N = N.substring(0,i) + m + N.substring(i + 1);
                }
                else {
                    m=q;
                    N = N.substring(0, i) + m + N.substring(i + 1);
                }
            }
            for (int j=lengthN-1; j>lengthN-P;j--) {

                m=java.lang.Math.abs(Integer.parseInt(N.substring(j,j+1))-
Integer.parseInt(k));
                N = N.substring(0, j) + m + N.substring(j + 1);
            }
            System.out.println(N);

        }
        br.close();
    }
}

```