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import java.io.*;
import java.util.*;
//Anand Vinod
//Contest 1
// 2019 - 2020
// Number Transform
public class AnandV201920_C1NumTransform {

    public static void main(String[]Args) throws IOException{
        File file = new File("jr-test-input.txt");
        Scanner scan = new Scanner(file);

        while(scan.hasNextLine()){

            String[] in = scan.nextLine().split(" ");

            System.out.println(transform(in[0], Integer.parseInt(in[1]),
Integer.parseInt(in[2])));
        }
    }
    public static String transform(String num, int pos, int trans) {
        ArrayList<Integer> val = new ArrayList<Integer>();
        String returnVal = "";
        for (int i = 0; i < num.length(); i++) {

            val.add(Integer.parseInt(num.substring(i, i + 1)));

        }

        int check = val.get(val.size() - pos);

        int intTest = 0;
        String test = "";

        if (check > 4) {

            intTest = Math.abs(check - trans);

            test = Integer.toString(intTest);

            check = Integer.parseInt(test.substring(0, 1));

            val.add(val.size() - pos, check);

            val.remove(((val.size() - pos)));

            if (val.size() - 1 != num.length()) {

                int a = ((val.size() - pos) + 1);

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        for (int c = a; c < val.size(); c++) {
            val.add(c, 0);

            val.remove(c + 1);

        }
    }
    for (int b = 0; b < val.size(); b++) {
        returnVal += val.get(b);
    }
} else {
    intTest = check + trans;
    test = Integer.toString(intTest);
    check = Integer.parseInt(test.substring(test.length() - 1,
test.length()));

    val.add(val.size() - pos, check);
    val.remove(((val.size() - pos)));

    if (val.size() - 1 != num.length()) {
        int a = ((val.size() - pos) + 1);
        for (int c = a; c < val.size(); c++) {
            val.add(c, 0);

            val.remove(c+ 1);

        }
    }
    for (int b = 0; b < val.size(); b++) {
        returnVal += val.get(b);
    }
}
return returnVal;
}

```

