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import java.util.*;import java.io.*;
public class AnjaliKesariIntermediateC1{
    public static void main(String[] args) throws Exception {
        File file = new File("int-sample-input.txt");
        Scanner sc = new Scanner(file);String a="";
        while (sc.hasNextLine()){
            a=sc.nextLine();
            System.out.println(transform(a));
        }
        public static String transform(String a){
            String x[] = a.split(" "); String temp[] = x[0].split(""); int n[] = new
int[temp.length];
            for(int i=0; i<temp.length; i++){
                n[i]=Integer.parseInt(temp[i]);
            }
            int p = Integer.parseInt(x[1]);int pth= n[n.length-p];
            for(int i=0; i<n.length-p; i++){
                n[i]=pth+n[i];
                if(n[i]>=10){
                    n[i]=n[i]%10;
                }
            }
            for(int i=n.length-p+1; i<n.length; i++){
                n[i]=Math.abs(pth-n[i]);
            }
            String ans="";
            for(int i=0; i<n.length; i++){
                ans+=Integer.toString(n[i]);
            }
            return ans;
        }
    }
}

```