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/*  
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 * Boston Prep  
 * 10th Grade  
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import java.io.BufferedReader;  
import java.io.File;  
import java.io.FileReader;  
import java.io.IOException;  
  
public class Main {  
    public static void main(String[] args) {  
  
        File in = new File("test_data.txt");  
        BufferedReader br = null;  
  
        try {  
  
            br = new BufferedReader (new FileReader(in));  
            String line;  
  
            while((line = br.readLine()) !=null) {  
                String [] stringarr = line.split(" ");  
  
                String one = stringarr[0];  
                String two = stringarr[1];  
                int onelen = one.length();  
                int t = Integer.parseInt(two);  
                int index = onelen-t;  
  
                String[] onearr = one.split("");  
  
                for(int i=index-1;i>=0;i--) {  
                    int current = Integer.parseInt(onearr[i]);  
                    int addition = current + Integer.parseInt(onearr[index]);  
  
                    if(addition>9) {  
                        addition = addition-10;  
                    }  
  
                    onearr[i] = Integer.toString(addition);  
  
                }  
  
                for(int j=index+1;j<onearr.length;j++) {  
                    int current2 = Integer.parseInt(onearr[j]);  
                    int temp = Integer.parseInt(onearr[index]);  
                    int subtract = Math.abs(current2-temp);  
  
                    onearr[j] = Integer.toString(subtract);  
                }  
  
                for(int z=0;z<onearr.length;z++) {  
                    System.out.print(onearr[z]);  
                }  
  
                System.out.println();  
            }  
  
        }  
  
        catch (IOException e) {  
            e.printStackTrace();  
        }  
    }  
}
```

}

}

}