

## Recurse.java

```
1 public class Recurse {
2     public static void main(String[] args) {
3         Recurse r = new Recurse();
4         // r.printNum(10);
5         System.out.println(r.returnNumString(-5));
6     }
7
8     private String returnNumString(int num) {
9         // cas de base
10        if (num <= 1) {
11            return num + "\n";
12        }
13
14        // cas récursif
15        return returnNumString(num - 1) + num + "\n";
16    }
17
18    private void printNum(int num) {
19        // cas de base
20        if (num <= 0) {
21            return;
22        }
23
24        // cas récursif
25        System.out.println(num);
26        printNum(num - 1);
27    }
28 }
29
```