19 Stairs architect
7 points

Introduction

There is a stairs architect who wants a new program to show the stairs he designs for his costumers, for agile designing, in order to add value to the business.
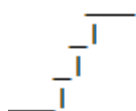Could you help building a program that shows the final design of the stairs?
He only wants to pass the program how many steps are needed.

Input
3

Output

```
      ___
    _|
  _|
__|
```

```
Note the output:
      3
    <->

      ___    ^
    _|       | 3
  _|         v
__|

<->
 3
```