Each rectilinear block is represented as a set of rectangles.
Each rectilinear block has the following information:
- shape_id;
- the number of rectangles that represent this rectilinear block;
- the width and height (denoted as Rwidth and Rheight) of the bounding box (i.e., the smallest rectangle that contains this rectilinear block);
- information of the rectangles, each in the following form:
  - id of the rectangle,
  - width, height,
  - the position (refX, refY) of the reference point (i.e., bottom-left corner) of the rectangle when the reference point of the bounding box is placed at the origin (0, 0).

The format is as follows:

```
number_of_rectilinear_blocks
shape1 number_of_rectangles_of_shape1 Rwidth Rheight
shape1 rectangle1 width height refX refY
shape1 rectangle2 width height refX refY

shape1 rectangle_(number_of_rectangles_of_shape1) width height refX refY
shape2 number_of_rectangles_of_shape2 Rwidth Rheight
shape2 rectangle1 width height refX refY
shape2 rectangle2 width height refX refY

shape2 rectangle_(number_of_rectangles_of_shape2) width height refX refY

shape_n number_of_rectangles_of_shape_n Rwidth Rheight
shape_n rectangle1 width height refX refY
shape_n rectangle2 width height refX refY

shape_n rectangle_(number_of_rectangles_of_shape_n) width height refX refY
```

For example, the instance consisting of the two shapes on the right is represented as follows:

```
2
1 2 2 2
1 1 1 1 0 1
1 2 1 2 1 0
2 2 4 4
2 1 2 4 0 0
2 2 2 2 2 0
```