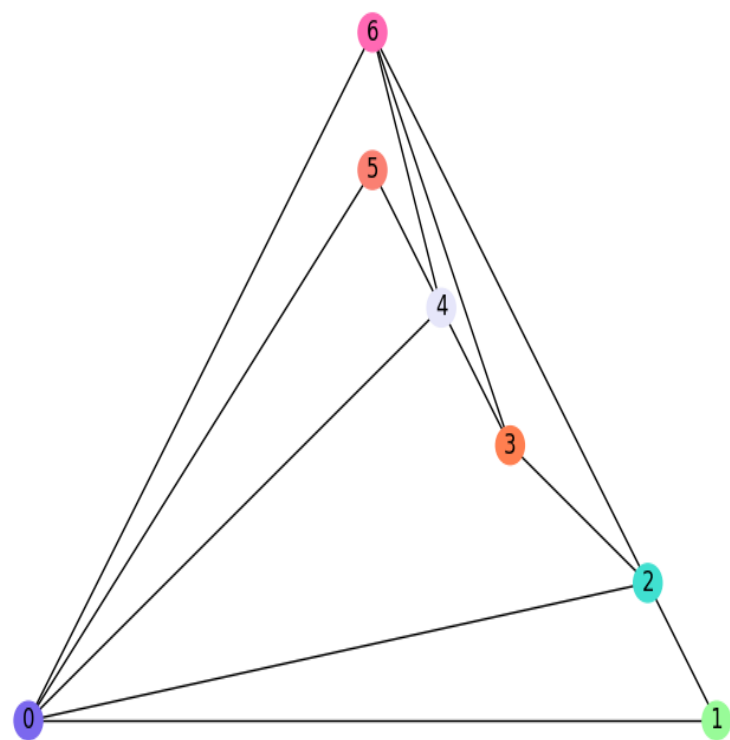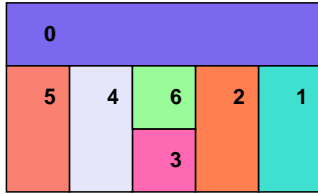**A catalogue for multiple floor plans from a given adjacency graph**

Adjacency List: [[0, 2], [3, 2], [2, 6], [6, 3], [3, 4], [4, 6], [6, 0], [0, 4], [4, 5],
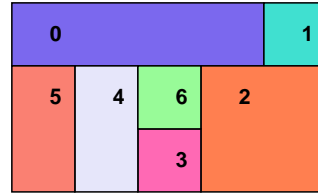
[5, 0], [0, 1], [1, 2]]
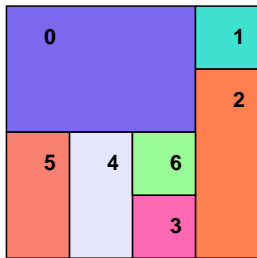

Time taken: 47.03021049499512 ms

Number of floorplans: 37

Dimensions

Room 0 : 5.0 X 1.0
Room 1 : 1.0 X 2.0
Room 2 : 1.0 X 2.0
Room 3 : 1.0 X 1.0
Room 4 : 1.0 X 2.0
Room 5 : 1.0 X 2.0
Room 6 : 1.0 X 1.0

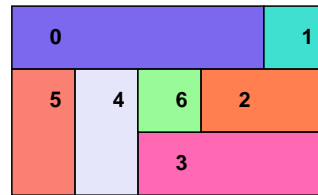**Dimensions**

Room 0 : 4.0 X 1.0
Room 1 : 1.0 X 1.0
Room 2 : 2.0 X 2.0
Room 3 : 1.0 X 1.0
Room 4 : 1.0 X 2.0
Room 5 : 1.0 X 2.0
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 3.0 X 2.0
Room 1 : 1.0 X 1.0
Room 2 : 1.0 X 3.0
Room 3 : 1.0 X 1.0
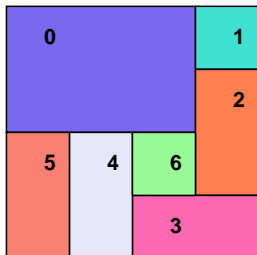Room 4 : 1.0 X 2.0
Room 5 : 1.0 X 2.0
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 4.0 X 1.0
Room 1 : 1.0 X 1.0
Room 2 : 2.0 X 1.0
Room 3 : 3.0 X 1.0
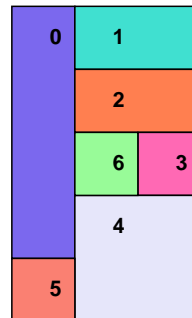Room 4 : 1.0 X 2.0
Room 5 : 1.0 X 2.0
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 3.0 X 2.0
Room 1 : 1.0 X 1.0
Room 2 : 1.0 X 2.0
Room 3 : 2.0 X 1.0
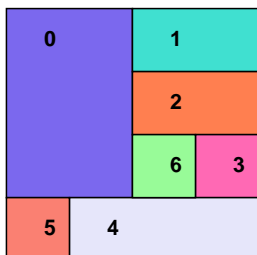Room 4 : 1.0 X 2.0
Room 5 : 1.0 X 2.0
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 1.0 X 4.0
Room 1 : 2.0 X 1.0
Room 2 : 2.0 X 1.0
Room 3 : 1.0 X 1.0
Room 4 : 2.0 X 2.0
Room 5 : 1.0 X 1.0
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 2.0 X 3.0
Room 1 : 2.0 X 1.0
Room 2 : 2.0 X 1.0
Room 3 : 1.0 X 1.0
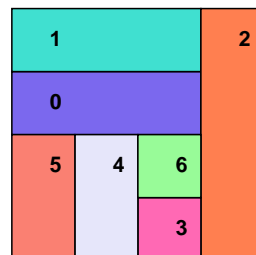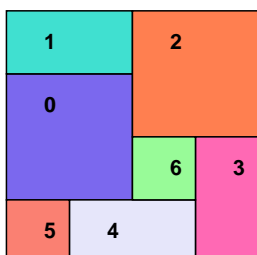Room 4 : 3.0 X 1.0
Room 5 : 1.0 X 1.0
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 3.0 X 1.0
Room 1 : 3.0 X 1.0
Room 2 : 1.0 X 4.0
Room 3 : 1.0 X 1.0
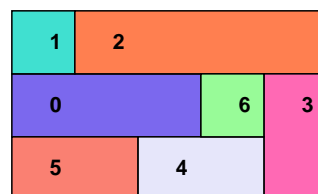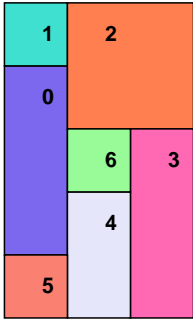Room 4 : 1.0 X 2.0
Room 5 : 1.0 X 2.0
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 2.0 X 2.0
Room 1 : 2.0 X 1.0
Room 2 : 2.0 X 2.0
Room 3 : 1.0 X 2.0
Room 4 : 2.0 X 1.0
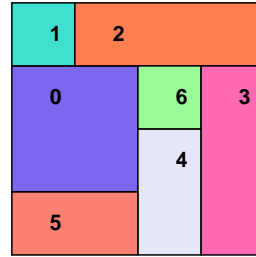Room 5 : 1.0 X 1.0
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 3.0 X 1.0
Room 1 : 1.0 X 1.0
Room 2 : 4.0 X 1.0
Room 3 : 1.0 X 2.0
Room 4 : 2.0 X 1.0
Room 5 : 2.0 X 1.0
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 1.0 X 3.0

Room 1 : 1.0 X 1.0

Room 2 : 2.0 X 2.0

Room 3 : 1.0 X 3.0

Room 4 : 1.0 X 2.0

Room 5 : 1.0 X 1.0

Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 2.0 X 2.0

Room 1 : 1.0 X 1.0

Room 2 : 3.0 X 1.0

Room 3 : 1.0 X 3.0

Room 4 : 1.0 X 2.0

Room 5 : 2.0 X 1.0
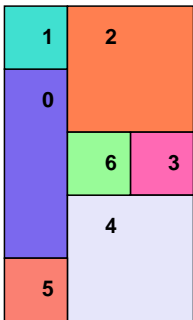
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 1.0 X 3.0

Room 1 : 1.0 X 1.0

Room 2 : 2.0 X 2.0

Room 3 : 1.0 X 1.0

Room 4 : 2.0 X 2.0

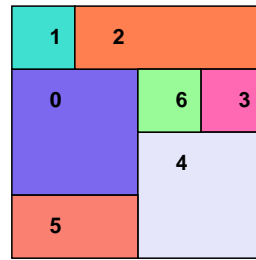Room 5 : 1.0 X 1.0

Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 2.0 X 2.0

Room 1 : 1.0 X 1.0

Room 2 : 3.0 X 1.0

Room 3 : 1.0 X 1.0

Room 4 : 2.0 X 2.0

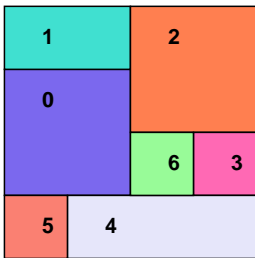Room 5 : 2.0 X 1.0

Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 2.0 X 2.0

Room 1 : 2.0 X 1.0

Room 2 : 2.0 X 2.0

Room 3 : 1.0 X 1.0

Room 4 : 3.0 X 1.0

Room 5 : 1.0 X 1.0

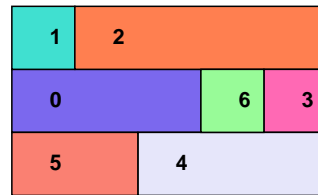Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 3.0 X 1.0

Room 1 : 1.0 X 1.0

Room 2 : 4.0 X 1.0

Room 3 : 1.0 X 1.0

Room 4 : 3.0 X 1.0

Room 5 : 2.0 X 1.0
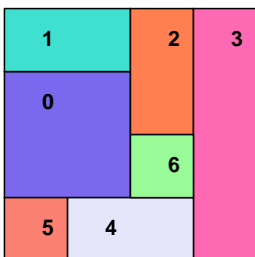
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 2.0 X 2.0

Room 1 : 2.0 X 1.0

Room 2 : 1.0 X 2.0

Room 3 : 1.0 X 4.0

Room 4 : 2.0 X 1.0

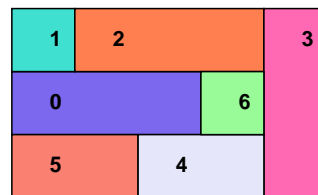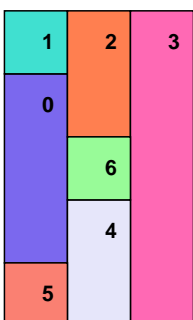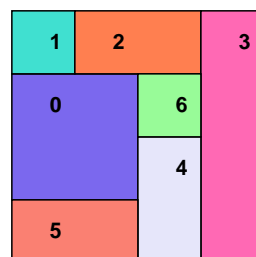Room 5 : 1.0 X 1.0

Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 3.0 X 1.0

Room 1 : 1.0 X 1.0

Room 2 : 3.0 X 1.0

Room 3 : 1.0 X 3.0

Room 4 : 2.0 X 1.0

Room 5 : 2.0 X 1.0

Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 1.0 X 3.0

Room 1 : 1.0 X 1.0

Room 2 : 1.0 X 2.0

Room 3 : 1.0 X 5.0

Room 4 : 1.0 X 2.0

Room 5 : 1.0 X 1.0

Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 2.0 X 2.0

Room 1 : 1.0 X 1.0

Room 2 : 2.0 X 1.0

Room 3 : 1.0 X 4.0

Room 4 : 1.0 X 2.0

Room 5 : 2.0 X 1.0
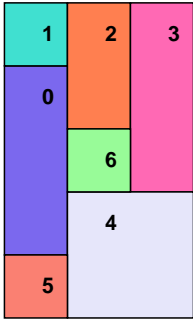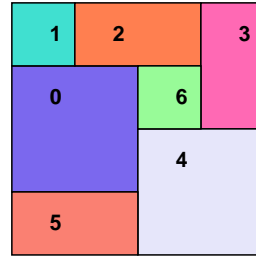
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 1.0 X 3.0
Room 1 : 1.0 X 1.0
Room 2 : 1.0 X 2.0
Room 3 : 1.0 X 3.0
Room 4 : 2.0 X 2.0
Room 5 : 1.0 X 1.0
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 2.0 X 2.0
Room 1 : 1.0 X 1.0
Room 2 : 2.0 X 1.0
Room 3 : 1.0 X 2.0
Room 4 : 2.0 X 2.0
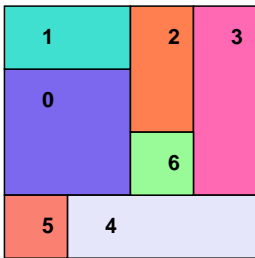Room 5 : 2.0 X 1.0
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 2.0 X 2.0
Room 1 : 2.0 X 1.0
Room 2 : 1.0 X 2.0
Room 3 : 1.0 X 3.0
Room 4 : 3.0 X 1.0
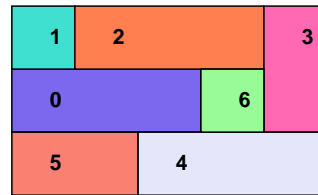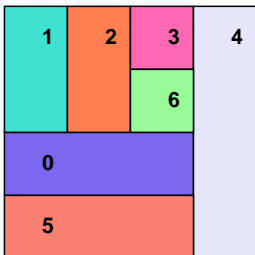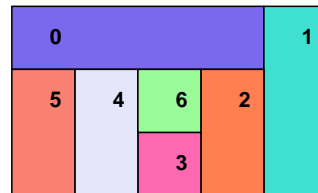Room 5 : 1.0 X 1.0
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 3.0 X 1.0
Room 1 : 1.0 X 1.0
Room 2 : 3.0 X 1.0
Room 3 : 1.0 X 2.0
Room 4 : 3.0 X 1.0
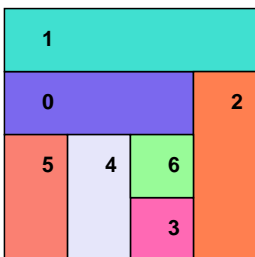Room 5 : 2.0 X 1.0
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 3.0 X 1.0
Room 1 : 1.0 X 2.0
Room 2 : 1.0 X 2.0
Room 3 : 1.0 X 1.0
Room 4 : 1.0 X 4.0
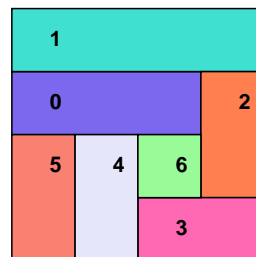Room 5 : 3.0 X 1.0
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 4.0 X 1.0
Room 1 : 1.0 X 3.0
Room 2 : 1.0 X 2.0
Room 3 : 1.0 X 1.0
Room 4 : 1.0 X 2.0
Room 5 : 1.0 X 2.0
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 3.0 X 1.0
Room 1 : 4.0 X 1.0
Room 2 : 1.0 X 3.0
Room 3 : 1.0 X 1.0
Room 4 : 1.0 X 2.0
Room 5 : 1.0 X 2.0
Room 6 : 1.0 X 1.0

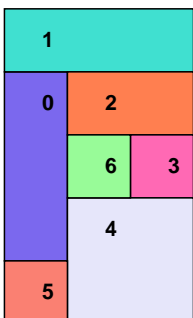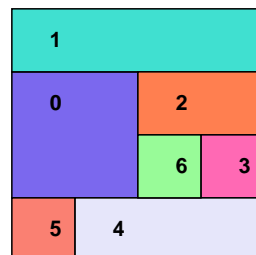**Dimensions**

Room 0 : 3.0 X 1.0
Room 1 : 4.0 X 1.0
Room 2 : 1.0 X 2.0
Room 3 : 2.0 X 1.0
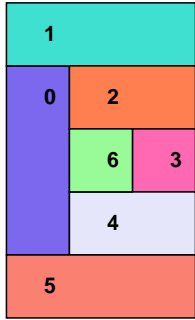Room 4 : 1.0 X 2.0
Room 5 : 1.0 X 2.0
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 1.0 X 3.0
Room 1 : 3.0 X 1.0
Room 2 : 2.0 X 1.0
Room 3 : 1.0 X 1.0
Room 4 : 2.0 X 2.0
Room 5 : 1.0 X 1.0
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 2.0 X 2.0
Room 1 : 4.0 X 1.0
Room 2 : 2.0 X 1.0
Room 3 : 1.0 X 1.0
Room 4 : 3.0 X 1.0
Room 5 : 1.0 X 1.0
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 1.0 X 3.0
Room 1 : 3.0 X 1.0
Room 2 : 2.0 X 1.0
Room 3 : 1.0 X 1.0
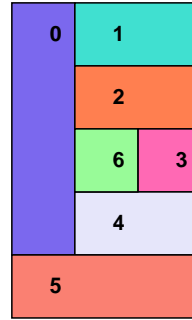Room 4 : 2.0 X 1.0
Room 5 : 3.0 X 1.0
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 1.0 X 4.0
Room 1 : 2.0 X 1.0
Room 2 : 2.0 X 1.0
Room 3 : 1.0 X 1.0
Room 4 : 2.0 X 1.0
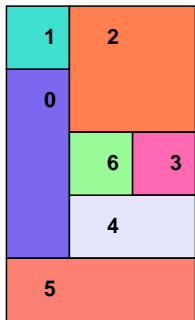Room 5 : 3.0 X 1.0
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 1.0 X 3.0
Room 1 : 1.0 X 1.0
Room 2 : 2.0 X 2.0
Room 3 : 1.0 X 1.0
Room 4 : 2.0 X 1.0
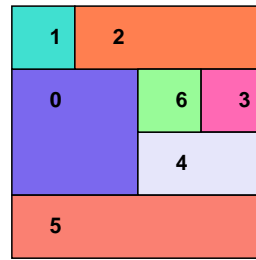Room 5 : 3.0 X 1.0
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 2.0 X 2.0
Room 1 : 1.0 X 1.0
Room 2 : 3.0 X 1.0
Room 3 : 1.0 X 1.0
Room 4 : 2.0 X 1.0
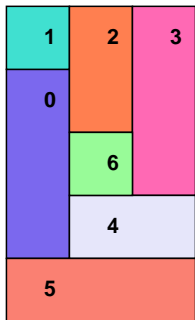Room 5 : 4.0 X 1.0
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 1.0 X 3.0
Room 1 : 1.0 X 1.0
Room 2 : 1.0 X 2.0
Room 3 : 1.0 X 3.0
Room 4 : 2.0 X 1.0
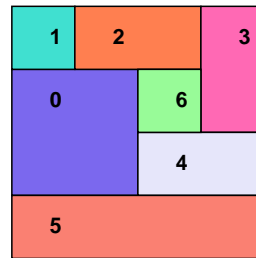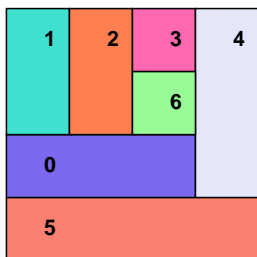Room 5 : 3.0 X 1.0
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 2.0 X 2.0
Room 1 : 1.0 X 1.0
Room 2 : 2.0 X 1.0
Room 3 : 1.0 X 2.0
Room 4 : 2.0 X 1.0
Room 5 : 4.0 X 1.0
Room 6 : 1.0 X 1.0

Dimensions

Room 0 : 3.0 X 1.0
Room 1 : 1.0 X 2.0
Room 2 : 1.0 X 2.0
Room 3 : 1.0 X 1.0
Room 4 : 1.0 X 3.0
Room 5 : 4.0 X 1.0
Room 6 : 1.0 X 1.0