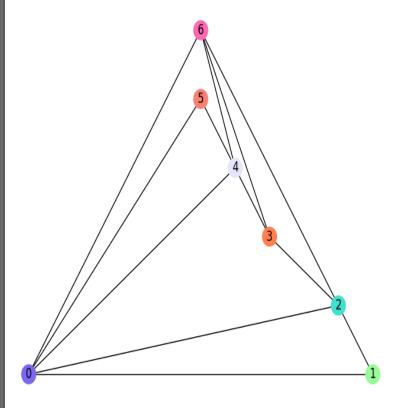
A catalogue for multiple floor plans from a given adjacency graph

 $\mbox{Adjacency List: } \mbox{\tt [[0,2],[3,2],[2,6],[6,3],[3,4],[4,6],[6,0],[0,4],[4,5], } \\$

[5, 0], [0, 1], [1, 2]]



Time taken: 47.03021049499512 ms

Number of floorplans: 37

0				
5	4	6	2	1
		3		

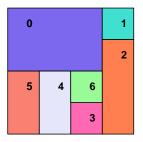
Dimensions

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

0 1 5 4 6 2 3

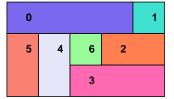
Dimensions

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



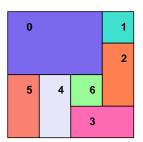
Dimensions

Dilliciisions
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

D
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



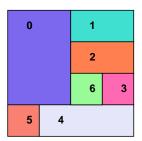
Dimensions

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



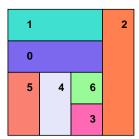
Dimensions

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



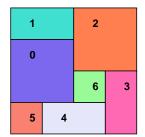
Dimensions

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



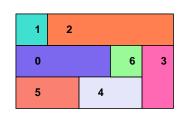
Dimensions

Dillicitorio
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

Dillielisions
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

1

0

5

1

0

5

1

0

5

2

2

6

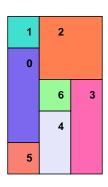
4

6

4

3

3

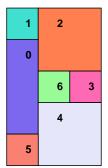


Dimensions

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



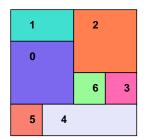
Dimensions

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

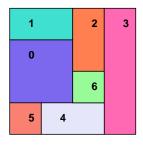
Dimensions



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

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

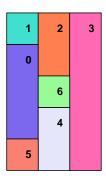


Dimensions

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

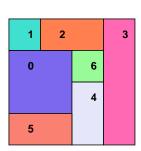
Dimensions

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



Dimensions

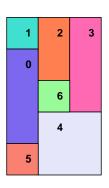
Room 0 : 1.0 X 3.0
Room 1 : 1.0 X 1.0
Room 2 : 1.0 X 2.0
Room 3: 1.0 X 5.0
Room 4 : 1.0 X 2.0
Room 5 : 1.0 X 1.0
Room 6 : 1.0 X 1.0



Dimensions

Room 6: 1.0 X 1.0

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

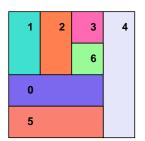


Dimensions

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



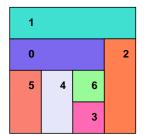
Dimensions

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

0				1
5	4	6	2	
		3		

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: 1.0 X 3.0

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



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

1			
0		2	
		6	3
5	4		

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

30 of 37 Floor Plans

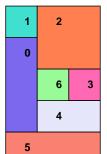
1		
0	2	
	6	3
	4	
5		

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



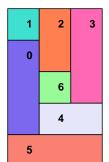
Dimensions

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



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



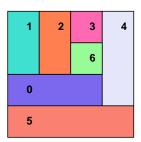
Dimensions

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

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

Diffictions
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