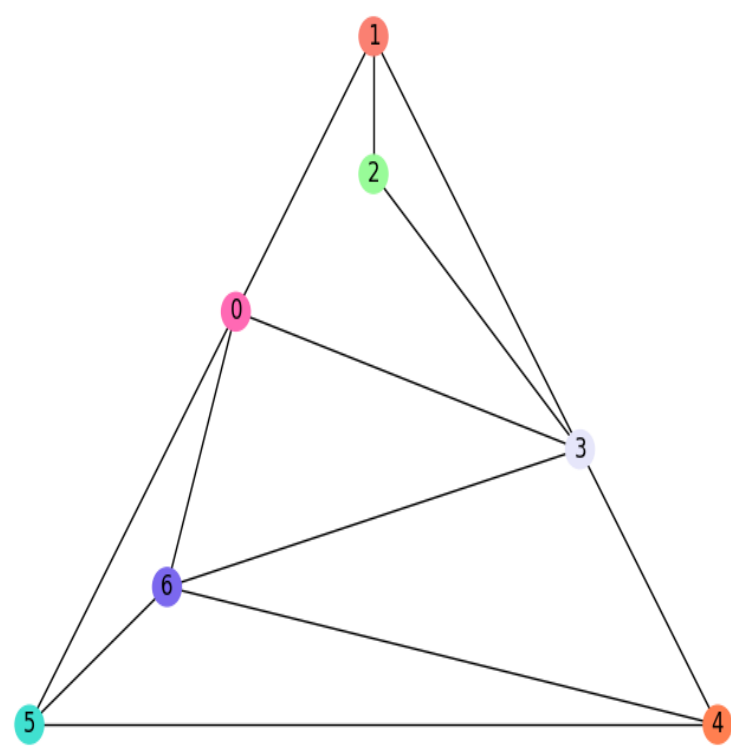


A catalogue for multiple floor plans from a given adjacency graph

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

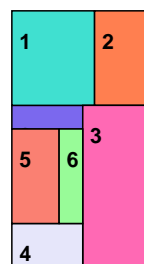
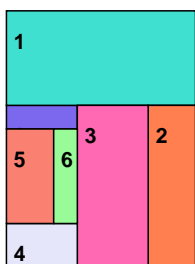
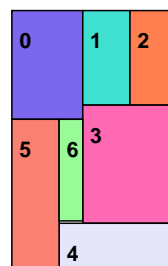
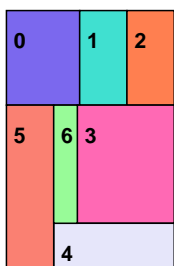
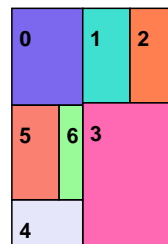
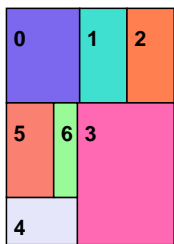
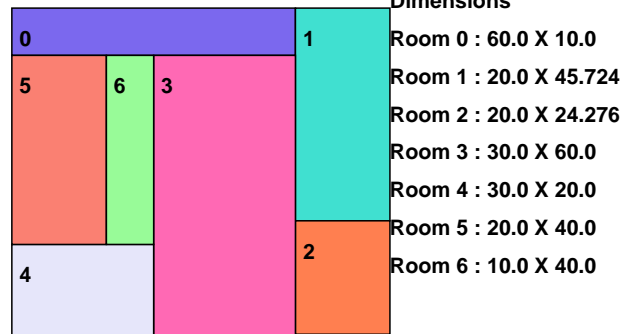
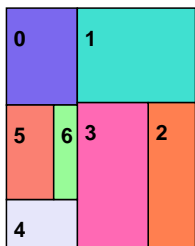
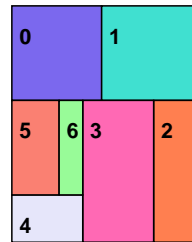
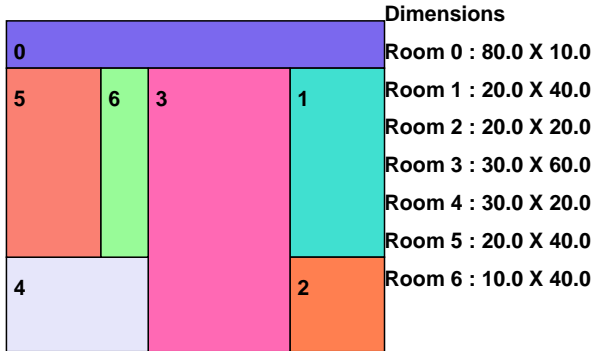


Time taken: 597.3777770996094 ms

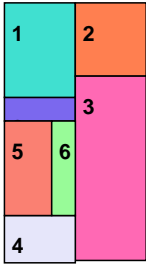
Number of floorplans: 41

Dimensional Constraints

Room Name	Min. width	Max. Width	Min. Heigth	Max. Heigth	Min. Aspect Ratio	Max. Aspect Ratio
Room0	10	200	10	150	0.5	2.0
Room1	20	300	40	100	0.5	2.0
Room2	20	200	20	100	0.5	2.0
Room3	30	100	50	100	0.5	2.0
Room4	20	200	20	150	0.5	2.0
Room5	20	100	30	150	0.5	2.0
Room6	10	100	40	200	0.5	2.0

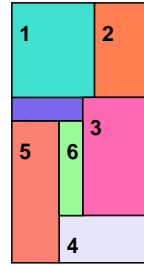


10 of 41 Floor Plans



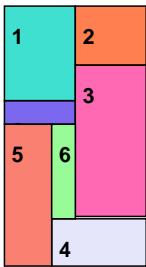
Dimensions

Room 0 : 30.0 X 10.0
Room 1 : 30.0 X 40.0
Room 2 : 30.0 X 31.752
Room 3 : 30.0 X 78.248
Room 4 : 30.0 X 20.0
Room 5 : 20.0 X 40.0
Room 6 : 10.0 X 40.0



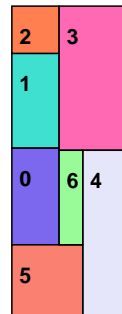
Dimensions

Room 0 : 30.0 X 10.0
Room 1 : 35.205 X 40.0
Room 2 : 24.795 X 40.0
Room 3 : 30.0 X 50.0
Room 4 : 40.0 X 20.0
Room 5 : 20.0 X 60.0
Room 6 : 10.0 X 40.0



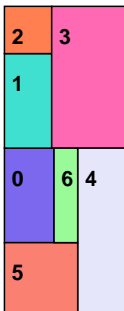
Dimensions

Room 0 : 30.0 X 10.0
Room 1 : 30.0 X 40.0
Room 2 : 30.0 X 25.764
Room 3 : 30.0 X 64.236
Room 4 : 40.0 X 20.0
Room 5 : 20.0 X 60.0
Room 6 : 10.0 X 40.0



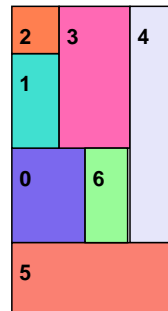
Dimensions

Room 0 : 20.0 X 41.0
Room 1 : 20.0 X 40.0
Room 2 : 20.0 X 20.0
Room 3 : 30.0 X 61.0
Room 4 : 20.0 X 70.0
Room 5 : 30.0 X 30.0
Room 6 : 10.0 X 40.0



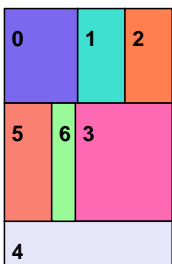
Dimensions

Room 0 : 21.0 X 40.0
Room 1 : 20.0 X 40.0
Room 2 : 20.0 X 20.0
Room 3 : 31.0 X 60.0
Room 4 : 20.0 X 70.0
Room 5 : 31.0 X 30.0
Room 6 : 10.0 X 40.0



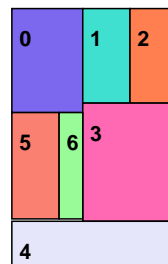
Dimensions

Room 0 : 31.578 X 40.0
Room 1 : 20.0 X 40.0
Room 2 : 20.0 X 20.0
Room 3 : 30.0 X 60.0
Room 4 : 20.0 X 100.0
Room 5 : 70.0 X 30.0
Room 6 : 18.422 X 40.0



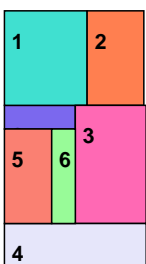
Dimensions

Room 0 : 31.0 X 40.0
Room 1 : 20.0 X 40.0
Room 2 : 20.0 X 40.0
Room 3 : 41.0 X 50.0
Room 4 : 71.0 X 20.0
Room 5 : 20.0 X 50.0
Room 6 : 10.0 X 50.0



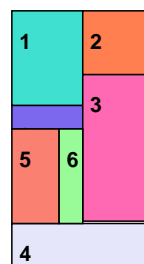
Dimensions

Room 0 : 30.0 X 44.848
Room 1 : 20.0 X 40.0
Room 2 : 20.0 X 40.0
Room 3 : 40.0 X 50.0
Room 4 : 70.0 X 20.0
Room 5 : 20.0 X 45.152
Room 6 : 10.0 X 45.152



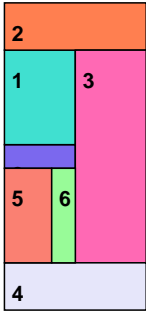
Dimensions

Room 0 : 30.0 X 10.0
Room 1 : 35.332 X 40.0
Room 2 : 24.668 X 40.0
Room 3 : 30.0 X 50.0
Room 4 : 60.0 X 20.0
Room 5 : 20.0 X 40.0
Room 6 : 10.0 X 40.0



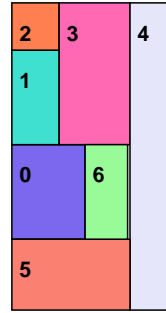
Dimensions

Room 0 : 30.0 X 10.0
Room 1 : 30.0 X 40.0
Room 2 : 30.0 X 27.021
Room 3 : 30.0 X 62.979
Room 4 : 60.0 X 20.0
Room 5 : 20.0 X 40.0
Room 6 : 10.0 X 40.0



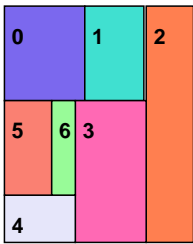
Dimensions

Room 0 : 30.0 X 10.0
Room 1 : 30.0 X 40.0
Room 2 : 60.0 X 20.0
Room 3 : 30.0 X 90.0
Room 4 : 60.0 X 20.0
Room 5 : 20.0 X 40.0
Room 6 : 10.0 X 40.0



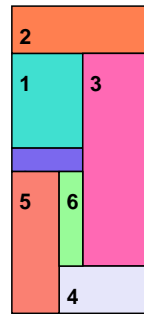
Dimensions

Room 0 : 31.804 X 40.0
Room 1 : 20.0 X 40.0
Room 2 : 20.0 X 20.0
Room 3 : 30.0 X 60.0
Room 4 : 20.0 X 130.0
Room 5 : 50.0 X 30.0
Room 6 : 18.196 X 40.0



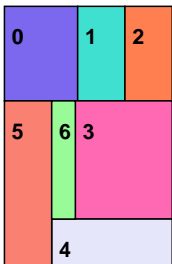
Dimensions

Room 0 : 34.852 X 40.0
Room 1 : 25.148 X 40.0
Room 2 : 20.0 X 100.0
Room 3 : 30.0 X 60.0
Room 4 : 30.0 X 20.0
Room 5 : 20.0 X 40.0
Room 6 : 10.0 X 40.0



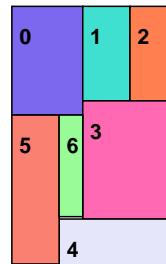
Dimensions

Room 0 : 30.0 X 10.0
Room 1 : 30.0 X 40.0
Room 2 : 60.0 X 20.0
Room 3 : 30.0 X 90.0
Room 4 : 40.0 X 20.0
Room 5 : 20.0 X 60.0
Room 6 : 10.0 X 40.0



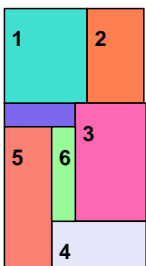
Dimensions

Room 0 : 31.0 X 40.0
Room 1 : 20.0 X 40.0
Room 2 : 20.0 X 40.0
Room 3 : 41.0 X 50.0
Room 4 : 51.0 X 20.0
Room 5 : 20.0 X 70.0
Room 6 : 10.0 X 50.0



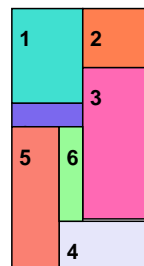
Dimensions

Room 0 : 30.0 X 46.041
Room 1 : 20.0 X 40.0
Room 2 : 20.0 X 40.0
Room 3 : 40.0 X 50.0
Room 4 : 50.0 X 20.0
Room 5 : 20.0 X 63.959
Room 6 : 10.0 X 43.959



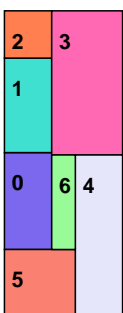
Dimensions

Room 0 : 30.0 X 10.0
Room 1 : 35.205 X 40.0
Room 2 : 24.795 X 40.0
Room 3 : 30.0 X 50.0
Room 4 : 40.0 X 20.0
Room 5 : 20.0 X 60.0
Room 6 : 10.0 X 40.0



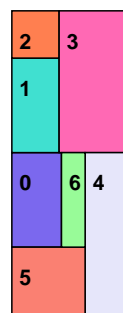
Dimensions

Room 0 : 30.0 X 10.0
Room 1 : 30.0 X 40.0
Room 2 : 30.0 X 25.764
Room 3 : 30.0 X 64.236
Room 4 : 40.0 X 20.0
Room 5 : 20.0 X 60.0
Room 6 : 10.0 X 40.0



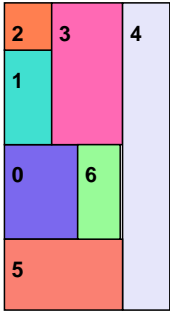
Dimensions

Room 0 : 20.0 X 41.0
Room 1 : 20.0 X 40.0
Room 2 : 20.0 X 20.0
Room 3 : 30.0 X 61.0
Room 4 : 20.0 X 70.0
Room 5 : 30.0 X 30.0
Room 6 : 10.0 X 40.0



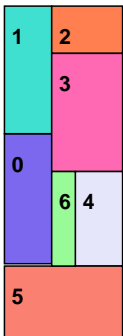
Dimensions

Room 0 : 21.0 X 40.0
Room 1 : 20.0 X 40.0
Room 2 : 20.0 X 20.0
Room 3 : 31.0 X 60.0
Room 4 : 20.0 X 70.0
Room 5 : 31.0 X 30.0
Room 6 : 10.0 X 40.0



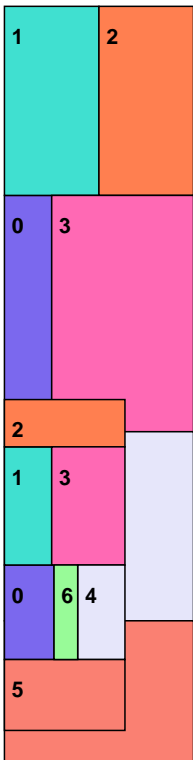
Dimensions

Room 0 : 31.804 X 40.0
Room 1 : 20.0 X 40.0
Room 2 : 20.0 X 20.0
Room 3 : 30.0 X 60.0
Room 4 : 20.0 X 130.0
Room 5 : 50.0 X 30.0
Room 6 : 18.196 X 40.0



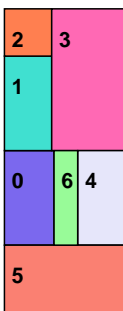
Dimensions

Room 0 : 20.0 X 55.786
Room 1 : 20.0 X 54.214
Room 2 : 30.0 X 20.0
Room 3 : 30.0 X 50.0
Room 4 : 20.0 X 40.0
Room 5 : 50.0 X 30.0
Room 6 : 10.0 X 40.0



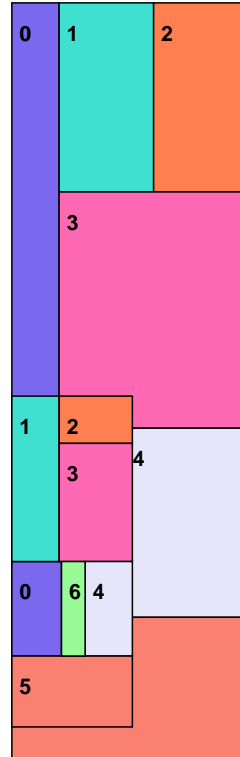
Dimensions

Room 0 : 10.0 X 90.0
Room 1 : 20.0 X 40.0
Room 2 : 20.0 X 40.0
Room 3 : 30.0 X 50.0
Room 4 : 20.0 X 40.0
Room 5 : 40.0 X 30.0
Room 6 : 10.0 X 40.0



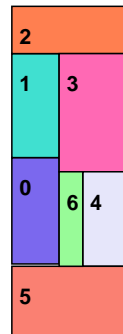
Dimensions

Room 0 : 21.0 X 40.0
Room 1 : 20.0 X 40.0
Room 2 : 20.0 X 20.0
Room 3 : 31.0 X 60.0
Room 4 : 20.0 X 40.0
Room 5 : 51.0 X 30.0
Room 6 : 10.0 X 40.0



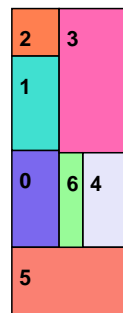
Dimensions

Room 0 : 10.0 X 130.0
Room 1 : 20.0 X 40.0
Room 2 : 20.0 X 40.0
Room 3 : 40.0 X 50.0
Room 4 : 25.186 X 40.0
Room 5 : 50.0 X 30.0
Room 6 : 14.814 X 40.0



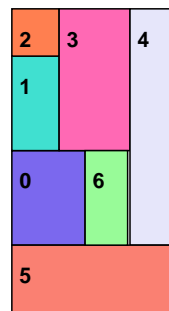
Dimensions

Room 0 : 20.0 X 45.421
Room 1 : 20.0 X 44.579
Room 2 : 50.0 X 20.0
Room 3 : 30.0 X 50.0
Room 4 : 20.0 X 40.0
Room 5 : 50.0 X 30.0
Room 6 : 10.0 X 40.0



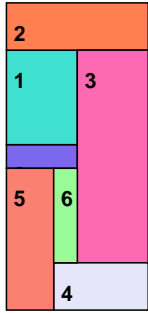
Dimensions

Room 0 : 20.0 X 41.0
Room 1 : 20.0 X 40.0
Room 2 : 20.0 X 20.0
Room 3 : 30.0 X 61.0
Room 4 : 20.0 X 40.0
Room 5 : 50.0 X 30.0
Room 6 : 10.0 X 40.0



Dimensions

Room 0 : 31.578 X 40.0
Room 1 : 20.0 X 40.0
Room 2 : 20.0 X 20.0
Room 3 : 30.0 X 60.0
Room 4 : 20.0 X 100.0
Room 5 : 70.0 X 30.0
Room 6 : 18.422 X 40.0



Dimensions

Room 0 : 30.0 X 10.0

Room 1 : 30.0 X 40.0

Room 2 : 60.0 X 20.0

Room 3 : 30.0 X 90.0

Room 4 : 40.0 X 20.0

Room 5 : 20.0 X 60.0

Room 6 : 10.0 X 40.0