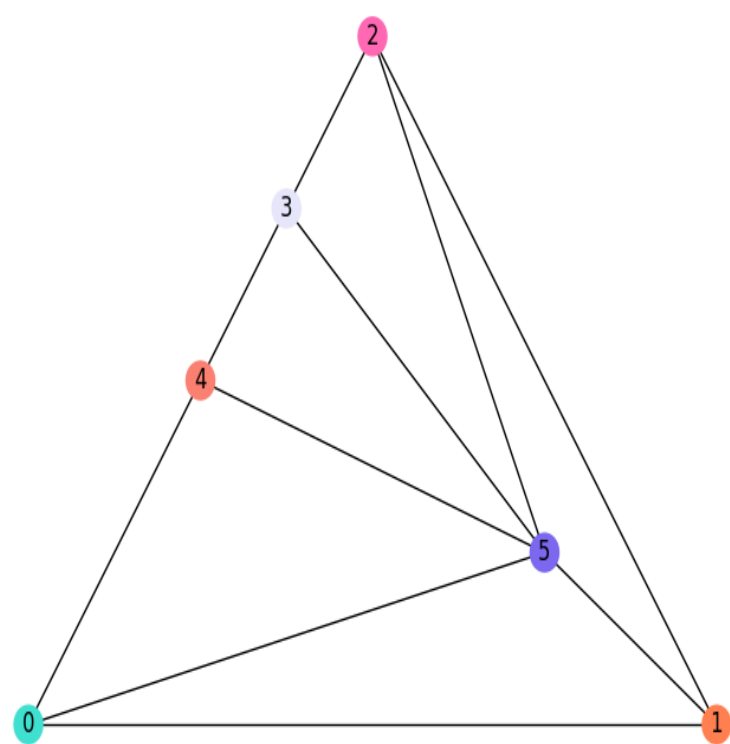


A catalogue for multiple floor plans from a given adjacency graph

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

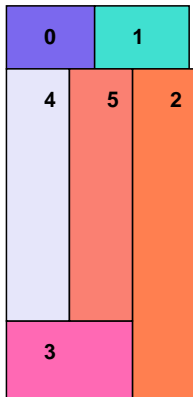


Time taken: 771.9337940216064 ms

Number of floorplans: 29

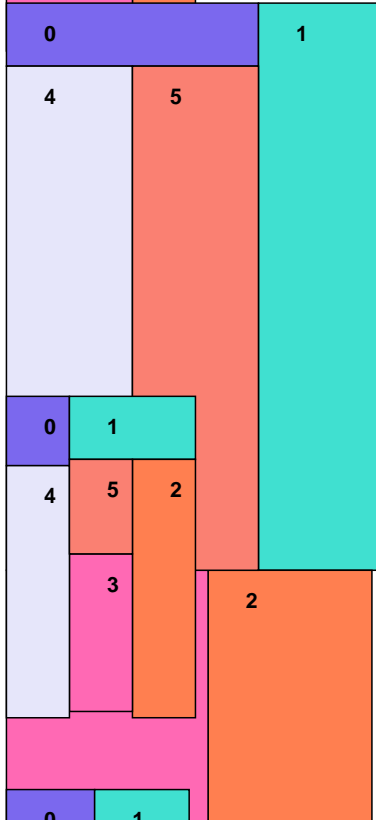
Dimenstional Constraints

Room Name	Minimum width	Maximum Width	Minimum Heigth	Maximum Heigth
Room0	10	20	5	100
Room1	10	20	10	100
Room2	10	30	20	200
Room3	10	50	20	50
Room4	10	60	40	60
Room5	10	100	10	40



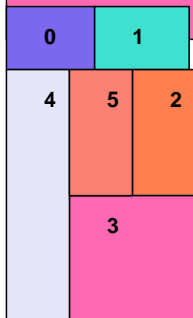
Dimensions

Room 0 : 14.867 X 10.0
 Room 1 : 15.133 X 10.0
 Room 2 : 10.0 X 60.0
 Room 3 : 20.0 X 20.0
 Room 4 : 10.0 X 40.0
 Room 5 : 10.0 X 40.0



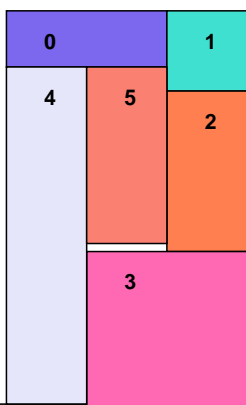
Dimensions

Room 0 : 20.0 X 5.0
 Room 1 : 10.0 X 45.0
 Room 2 : 13.758 X 20.0
 Room 3 : 16.242 X 20.0
 Room 4 : 10.0 X 40.0
 Room 5 : 10.0 X 40.0



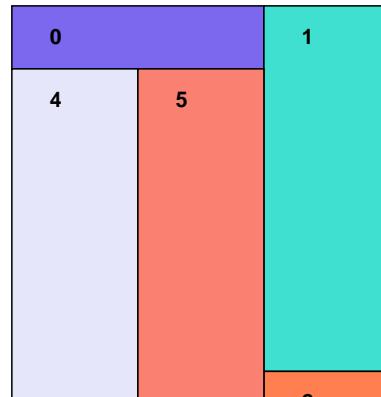
Dimensions

Room 0 : 14.882 X 10.0
 Room 1 : 15.118 X 10.0
 Room 2 : 10.0 X 20.0
 Room 3 : 20.0 X 20.0
 Room 4 : 10.0 X 40.0
 Room 5 : 10.0 X 20.0



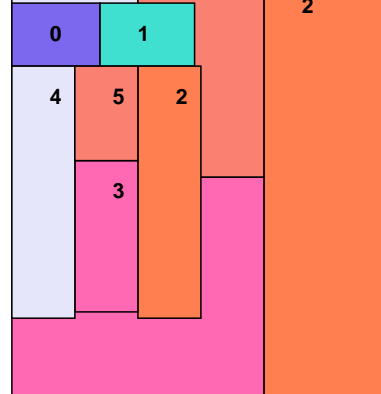
Dimensions

Room 0 : 20.0 X 7.854
 Room 1 : 10.0 X 10.0
 Room 2 : 10.0 X 20.0
 Room 3 : 20.0 X 20.0
 Room 4 : 10.0 X 42.146
 Room 5 : 10.0 X 22.146



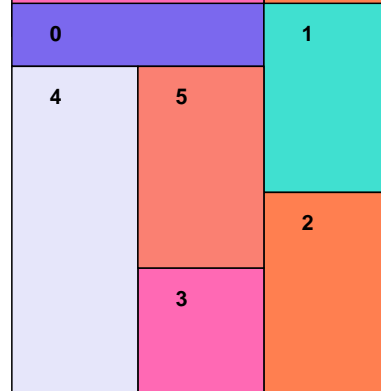
Dimensions

Room 0 : 20.0 X 5.0
 Room 1 : 10.0 X 29.564
 Room 2 : 10.0 X 35.436
 Room 3 : 20.0 X 20.0
 Room 4 : 10.0 X 40.0
 Room 5 : 10.0 X 40.0



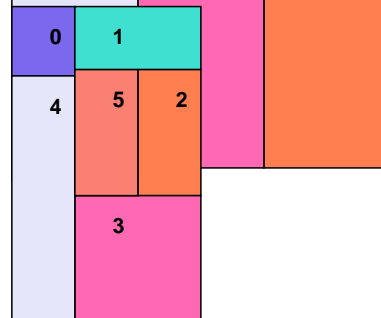
Dimensions

Room 0 : 14.56 X 10.0
 Room 1 : 15.44 X 10.0
 Room 2 : 10.0 X 40.0
 Room 3 : 10.0 X 24.825
 Room 4 : 10.0 X 40.0
 Room 5 : 10.0 X 15.175



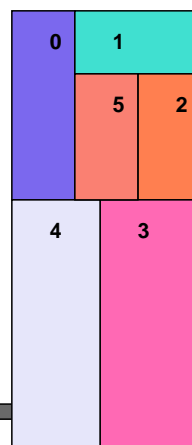
Dimensions

Room 0 : 20.0 X 5.0
 Room 1 : 10.0 X 15.944
 Room 2 : 10.0 X 29.056
 Room 3 : 10.0 X 23.502
 Room 4 : 10.0 X 40.0
 Room 5 : 10.0 X 16.498



Dimensions

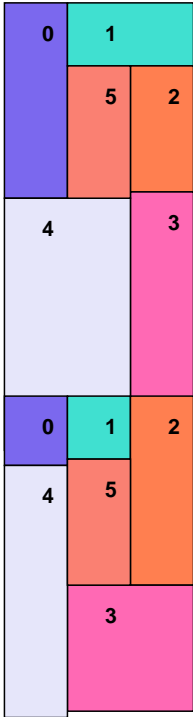
Room 0 : 10.0 X 11.0
 Room 1 : 20.0 X 10.0
 Room 2 : 10.0 X 20.967
 Room 3 : 20.0 X 20.033
 Room 4 : 10.0 X 40.0
 Room 5 : 10.0 X 20.967



Dimensions

Room 0 : 10.0 X 30.0
 Room 1 : 20.0 X 10.0
 Room 2 : 10.0 X 20.0
 Room 3 : 15.558 X 40.0
 Room 4 : 14.442 X 40.0
 Room 5 : 10.0 X 20.0

10 of 29 Floor Plans

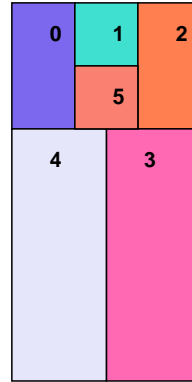


Dimensions

Room 0 : 10.0 X 31.0
Room 1 : 20.0 X 10.0
Room 2 : 10.0 X 20.0
Room 3 : 10.0 X 41.0
Room 4 : 20.0 X 40.0
Room 5 : 10.0 X 21.0

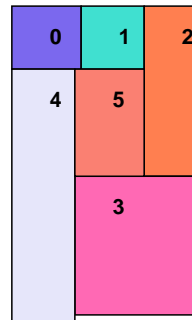
Dimensions

Room 0 : 10.0 X 11.0
Room 1 : 10.0 X 10.0
Room 2 : 10.0 X 30.868
Room 3 : 20.0 X 20.132
Room 4 : 10.0 X 40.0
Room 5 : 10.0 X 20.868



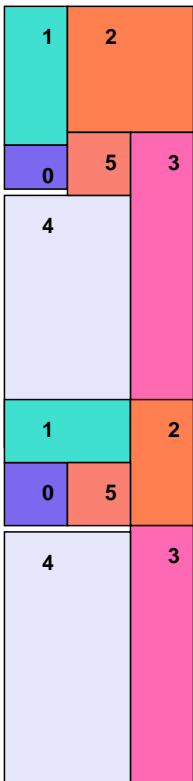
Dimensions

Room 0 : 10.0 X 20.0
Room 1 : 10.0 X 10.0
Room 2 : 10.0 X 20.0
Room 3 : 14.927 X 40.0
Room 4 : 15.073 X 40.0
Room 5 : 10.0 X 10.0



Dimensions

Room 0 : 11.0 X 10.0
Room 1 : 10.0 X 10.0
Room 2 : 10.0 X 27.08
Room 3 : 21.0 X 22.92
Room 4 : 10.0 X 40.0
Room 5 : 11.0 X 17.08

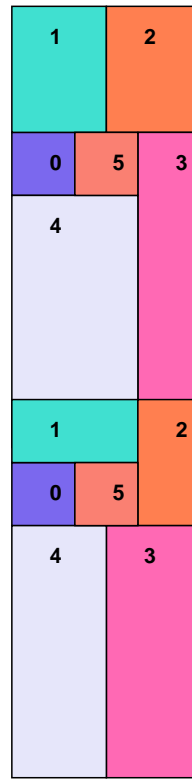


Dimensions

Room 0 : 10.0 X 7.007
Room 1 : 10.0 X 22.993
Room 2 : 20.0 X 20.0
Room 3 : 10.0 X 50.0
Room 4 : 20.0 X 40.0
Room 5 : 10.0 X 10.0

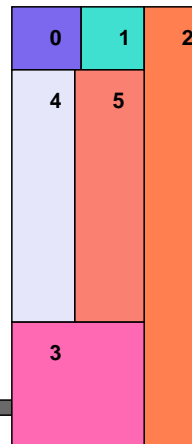
Dimensions

Room 0 : 10.0 X 10.421
Room 1 : 20.0 X 10.579
Room 2 : 10.0 X 20.0
Room 3 : 10.0 X 41.0
Room 4 : 20.0 X 40.0
Room 5 : 10.0 X 10.421



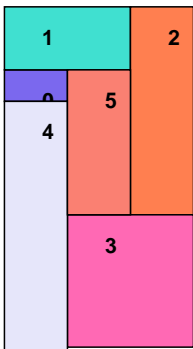
Dimensions

Room 0 : 10.0 X 10.0
Room 1 : 15.209 X 20.0
Room 2 : 14.791 X 20.0
Room 3 : 10.0 X 50.0
Room 4 : 20.0 X 40.0
Room 5 : 10.0 X 10.0



Dimensions

Room 0 : 10.0 X 10.0
Room 1 : 20.0 X 10.0
Room 2 : 10.0 X 20.0
Room 3 : 14.725 X 40.0
Room 4 : 15.275 X 40.0
Room 5 : 10.0 X 10.0

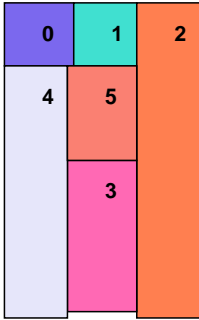


Dimensions

Room 0 : 10.0 X 5.0
Room 1 : 20.0 X 10.0
Room 2 : 10.0 X 33.964
Room 3 : 20.0 X 21.036
Room 4 : 10.0 X 40.0
Room 5 : 10.0 X 23.964

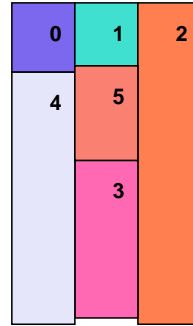
Dimensions

Room 0 : 11.0 X 10.0
Room 1 : 10.0 X 10.0
Room 2 : 10.0 X 70.0
Room 3 : 21.0 X 20.0
Room 4 : 10.0 X 40.0
Room 5 : 11.0 X 40.0



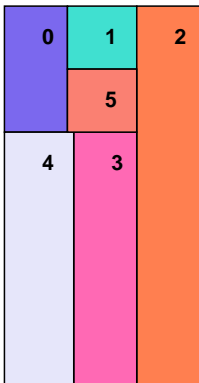
Dimensions

Room 0 : 11.0 X 10.0
Room 1 : 10.0 X 10.0
Room 2 : 10.0 X 50.0
Room 3 : 11.0 X 24.937
Room 4 : 10.0 X 40.0
Room 5 : 11.0 X 15.063



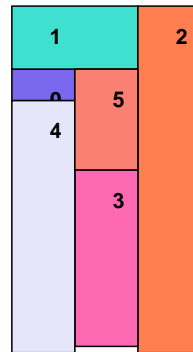
Dimensions

Room 0 : 10.0 X 11.0
Room 1 : 10.0 X 10.0
Room 2 : 10.0 X 51.0
Room 3 : 10.0 X 25.059
Room 4 : 10.0 X 40.0
Room 5 : 10.0 X 15.941



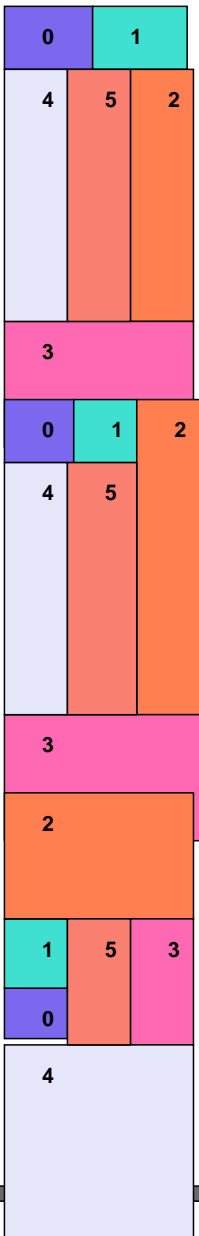
Dimensions

Room 0 : 10.0 X 20.0
Room 1 : 11.0 X 10.0
Room 2 : 10.0 X 60.0
Room 3 : 10.0 X 40.0
Room 4 : 11.0 X 40.0
Room 5 : 11.0 X 10.0



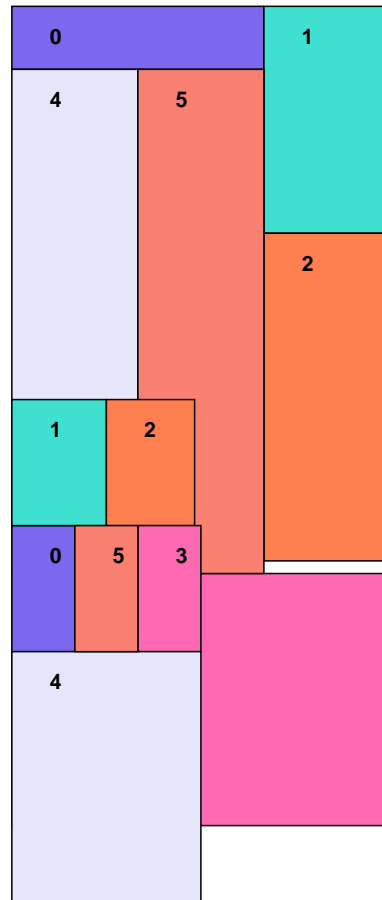
Dimensions

Room 0 : 10.0 X 5.0
Room 1 : 20.0 X 10.0
Room 2 : 10.0 X 55.0
Room 3 : 10.0 X 28.444
Room 4 : 10.0 X 40.0
Room 5 : 10.0 X 16.556



Dimensions

Room 0 : 14.971 X 10.0
Room 1 : 15.029 X 10.0
Room 2 : 10.0 X 40.0
Room 3 : 30.0 X 20.0
Room 4 : 10.0 X 40.0
Room 5 : 10.0 X 40.0



Dimensions

Room 0 : 20.0 X 5.0
Room 1 : 10.0 X 18.064
Room 2 : 10.0 X 26.936
Room 3 : 30.0 X 20.0
Room 4 : 10.0 X 40.0
Room 5 : 10.0 X 40.0

Dimensions

Room 0 : 11.0 X 10.0
Room 1 : 10.0 X 10.0
Room 2 : 10.0 X 50.0
Room 3 : 31.0 X 20.0
Room 4 : 10.0 X 40.0
Room 5 : 11.0 X 40.0

Dimensions

Room 0 : 10.0 X 20.0
Room 1 : 15.76 X 20.0
Room 2 : 14.24 X 20.0
Room 3 : 10.0 X 20.0
Room 4 : 30.0 X 40.0
Room 5 : 10.0 X 20.0

Dimensions

Room 0 : 10.0 X 8.053
Room 1 : 10.0 X 11.947
Room 2 : 30.0 X 20.0
Room 3 : 10.0 X 20.0
Room 4 : 30.0 X 40.0
Room 5 : 10.0 X 20.0