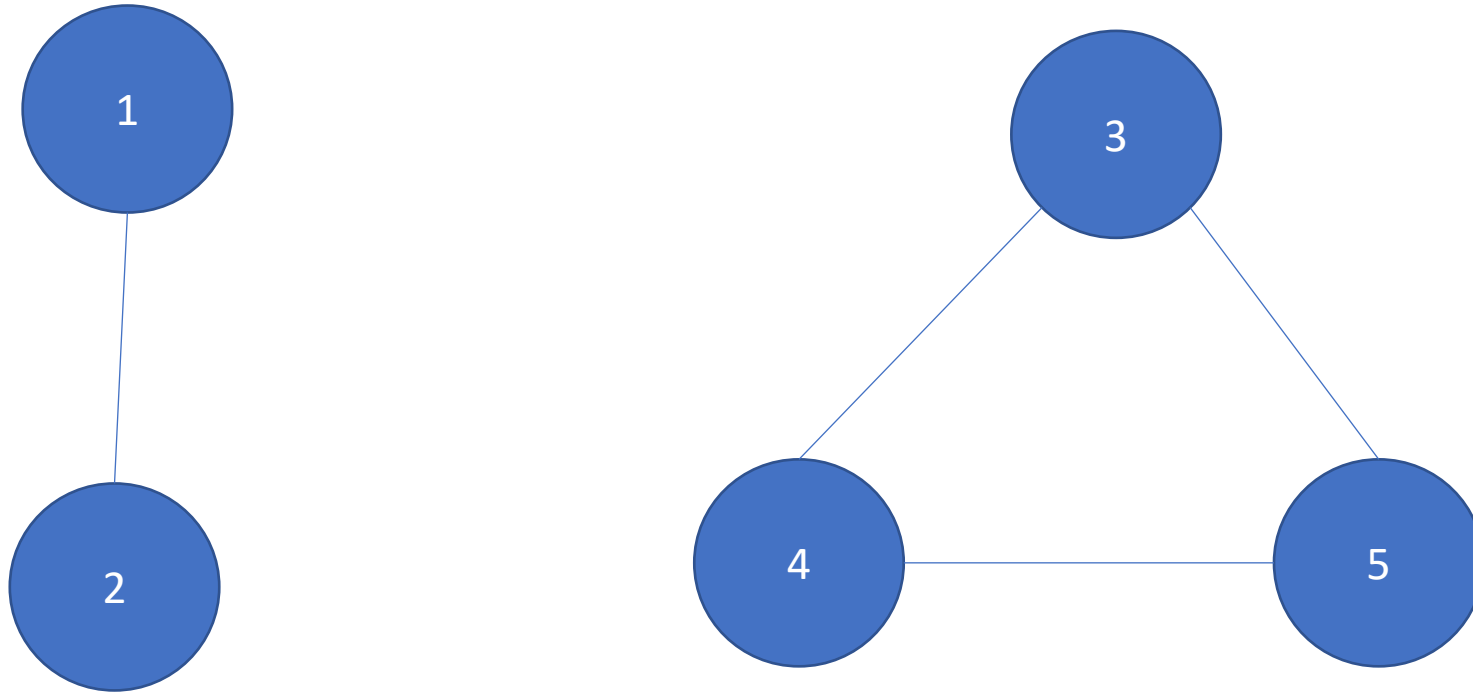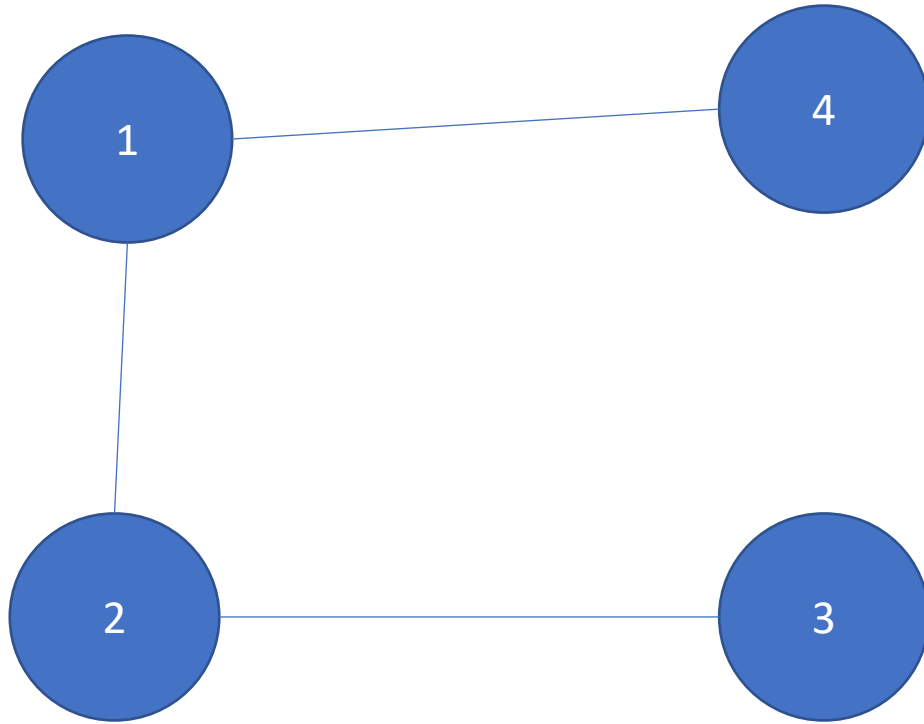# 5 (1,2) (3,4) (3,5) (4,5)
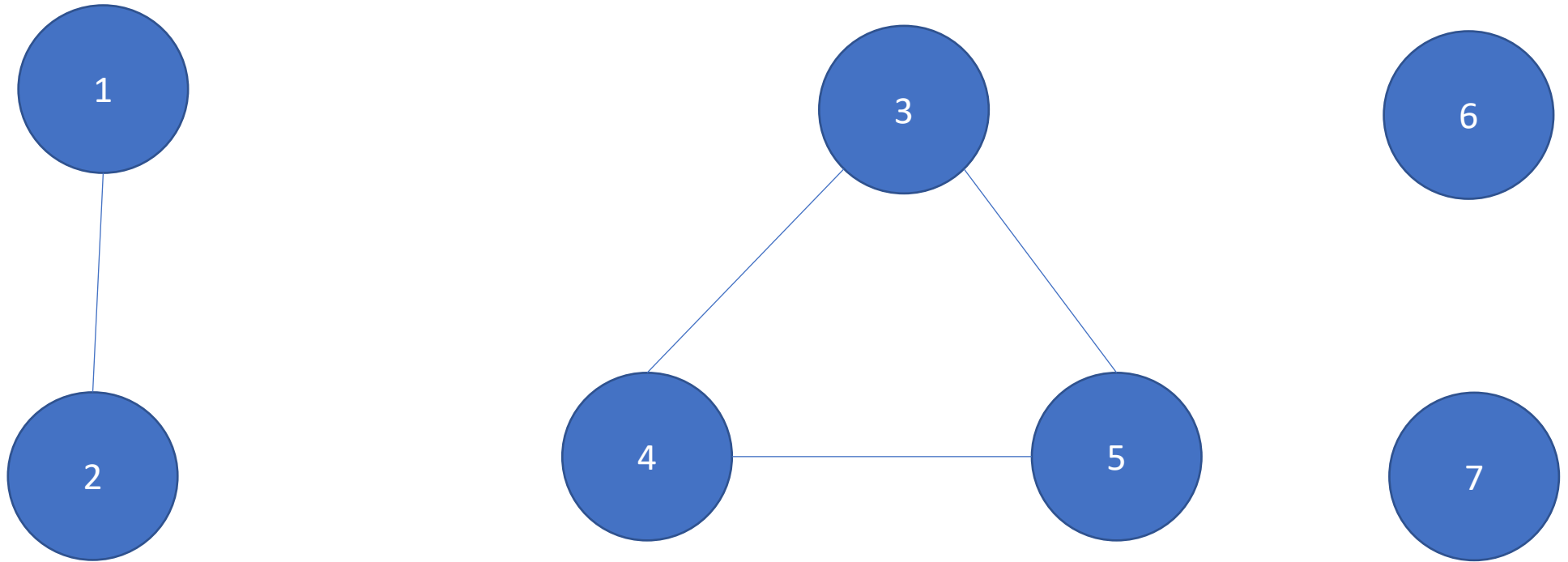

Two connected components: {1 2} {3 4 5}

4 (1,2) (2,3) (1,4)

One connected component: {1 2 3 4}

7 (1,2) (3,4) (3,5) (4,5) (2,1)

Four connected components: {1 2} {3 4 5} {6} {7}