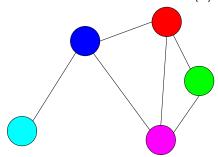
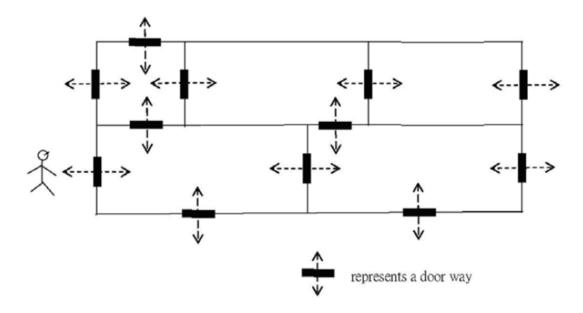
HOMEWORK PROBLEMS #1

1-1 Consider the simple network shown below. Compute its average path length L, diameter D, cluster coefficient C, and average degree $\langle k \rangle$.



1-2 In a laboratory shown by the following figure, can you walk through every door once and once only, and finally return to the starting point? If so, how? If not, why?



This HW is due in class on Thursday, 14 Sept. 2023