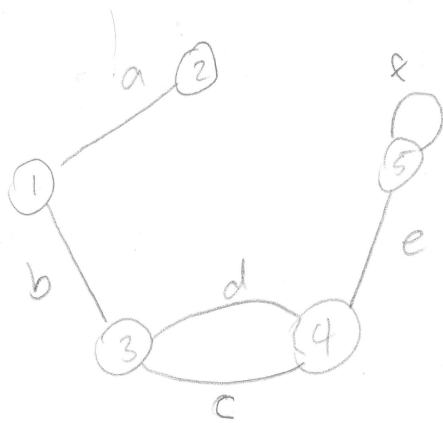


# Assignment #16

Andrew So



1. 2 nodes not adjacent: 1, 4
2. Node adjacent to itself: 5
3. Loop? : Edge (f)
4. 2 parallel edge: C, D
5. Degree of node 3: 3
6. Find Length of 5:  $2 \rightarrow 1 \rightarrow 3 \rightarrow 4 \rightarrow 3 \rightarrow 1$
7. Find a cycle  $3 \rightarrow 4 \rightarrow 3$
8. Complete? : No
9. Connected? : Yes

## Connected Graph

