Untitled

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```
In [24]: import networkx as nx
         G = nx.Graph()
         G.add_edge('A','B')
         G.add_edge('A','C')
         G.add_edge('B','D')
         G.add_edge('C','D')
         G.add_edge('C', 'E')
         G.add_edge('D','E')
         G.add_edge('D','G')
         G.add_edge('E','G')
         G.add_edge('G','F')
Out[24]: <networkx.classes.graph.Graph at 0x7f5e300f5860>
In [25]: closeCent = nx.closeness_centrality(G)
         closeCent['G']
Out[25]: 0.6
In [26]: btwnCent = nx.betweenness_centrality(G,normalized=True,endpoints=False)
         btwnCent['G']
Out [26]: 0.33333333333333333
In [27]: edge_btwnCent = nx.edge_betweenness_centrality(G,normalized=False)
         edge_btwnCent[('G','F')]
Out[27]: 6.0
In [28]: B = nx.DiGraph()
         B.add_edge('A','B')
         B.add_edge('A','B')
         B.add_edge('A','C')
         B.add_edge('C','D')
         B.add_edge('D','C')
Out[28]: <networkx.classes.digraph.DiGraph at 0x7f5e300df5f8>
```