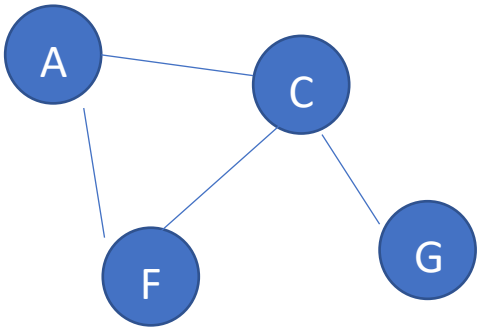
Solution

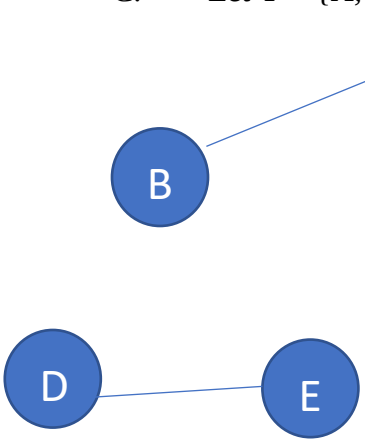
Induced Graphs. Answer questions about the graph G = (V,E) displayed below

A.Let U = {A, B}. Draw G[U].

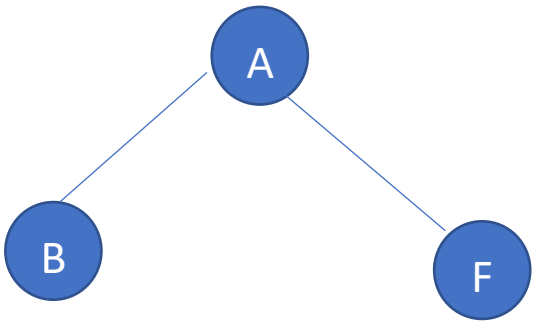
B.W = {A, C, G, F}. Draw G[W].



C. Let Y = {A, B, D, E}. Draw G[Y].



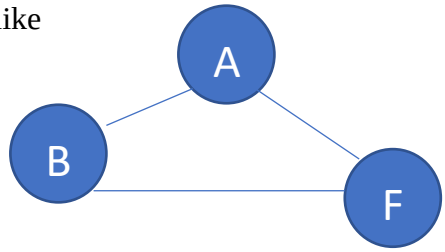
D. subgraph H of G



No there is no a subset X of the vertex set V so that H = G[X]?

Let we can say { B,A,F} the Graph of this

Would be like



G(X) is not equal with the sub Graph H.

E.
v1= {D, E, I}
v2= {A, B, C, F, H, G}
G=G[v1]UG[v2] = {D, E, I, A, B, C, F, H, G}

Solution 2