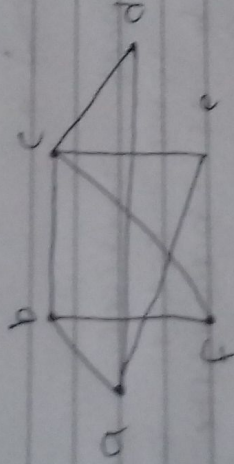


Name - Mohammad MTWTFSS
 ID - 16285
 Department - CS
 Semester - 2nd

Ans No 1:

(i)



We start Blue to a since b is connected to the blue a, we assign b to a. Since c is connected to the red b, we assign Blue to c. This is not possible to assign that connect vertices do not have same color and graph

graph is not Bipartite.