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Muniber of vertices = 4.
Muniber of edges = 7.

degree -(a) = 3. degree +(a) = 1.

degree -(b) = 1. degree +(b) = 2degree -(c) = 2. degree +(c) = 1degree -(d) = 1. degree +(d) = 3.

2 (a) Yes, the graph is bipartite.

(b) Yes, it is a bipartite grouph.

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a b c d
a o 1 0 1
b 1 0 1 0
c o 1 0 1
d 1 0 1 0

Jon graph 1, in degree of  $V_1 = 0$ ,  $V_2 = 2$ ,  $V_3 = 1$ ,  $V_4 = 1$ .

Jor graph 2, in degree of

V1=1, V2=1, V3=0, V4=2

for graph. I, out degree of

V,=2, V2=0, V3=1, V4=1

for graph 2, out degree of

V, = 1, V2=1, V3=2, W=0

since number of edges, vertices le degree are some, They are isomorphic.