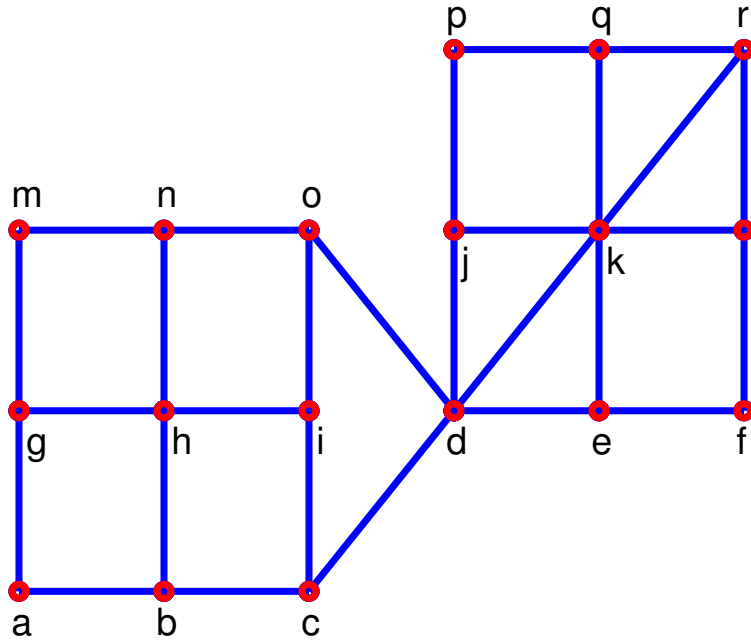


Write your name and code on the back.

Show your work!

1. { 10 points } Build the spanning tree starting from the vertex a indicating by arrows the edges of the tree and crossing the unused edges

(a) by depth first algorithm. *Choose the vertices in alphabetical order.*



(b) by breath first algorithm. *Choose the vertices in alphabetical order.*

