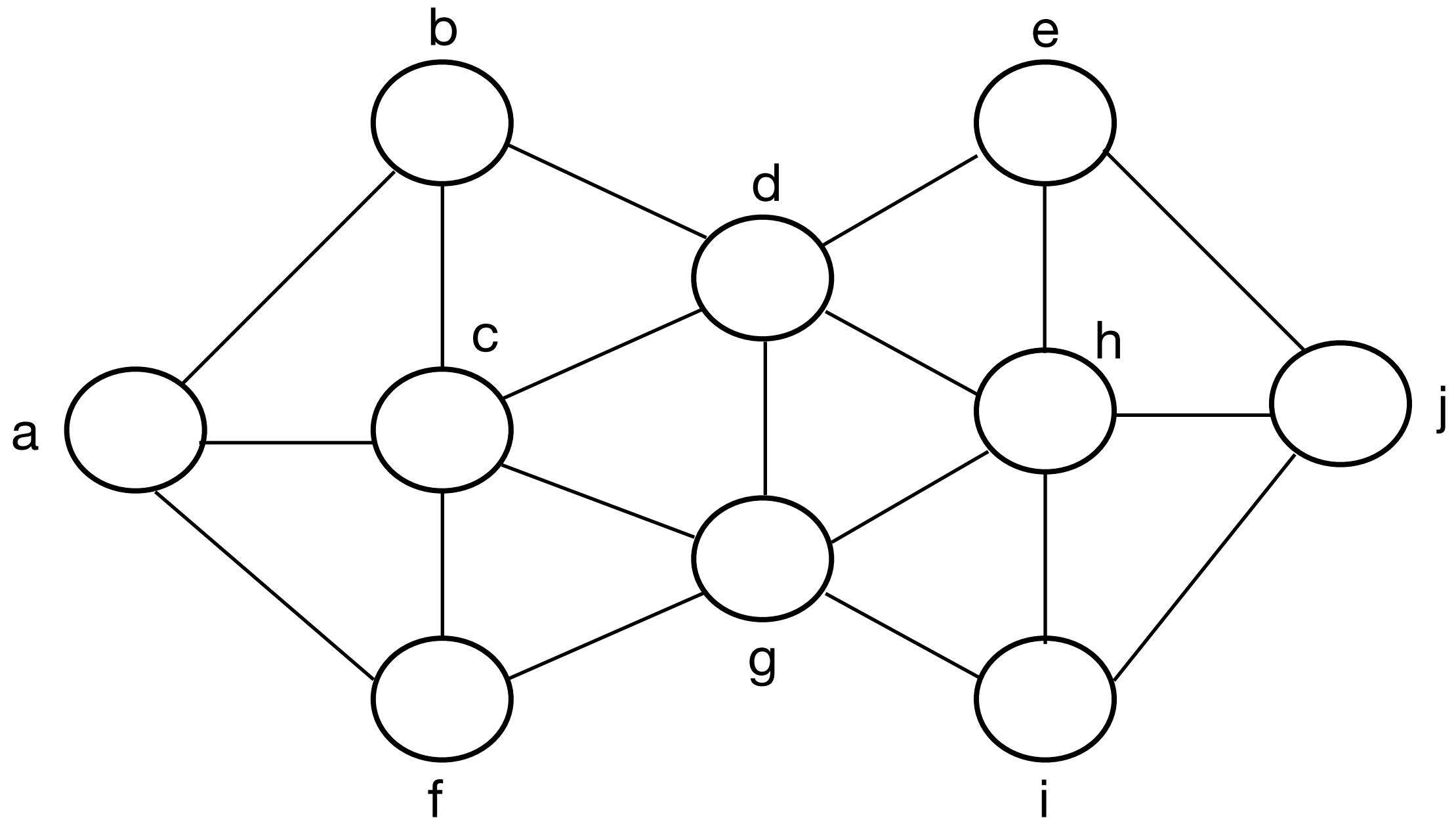Run BFS from vertex *a*. Whenever faced with a decision of which vertex to pick from a set of vertices, pick the vertex whose label occurs earliest in the alphabet.

discovery edge

cross edge

Run BFS from vertex *a*. Whenever faced with a decision of which vertex to pick from a set of vertices, pick the vertex whose label occurs earliest in the alphabet.

discovery edge

cross edge

L_0

b

e

d

a

c

h

j

f

g

i