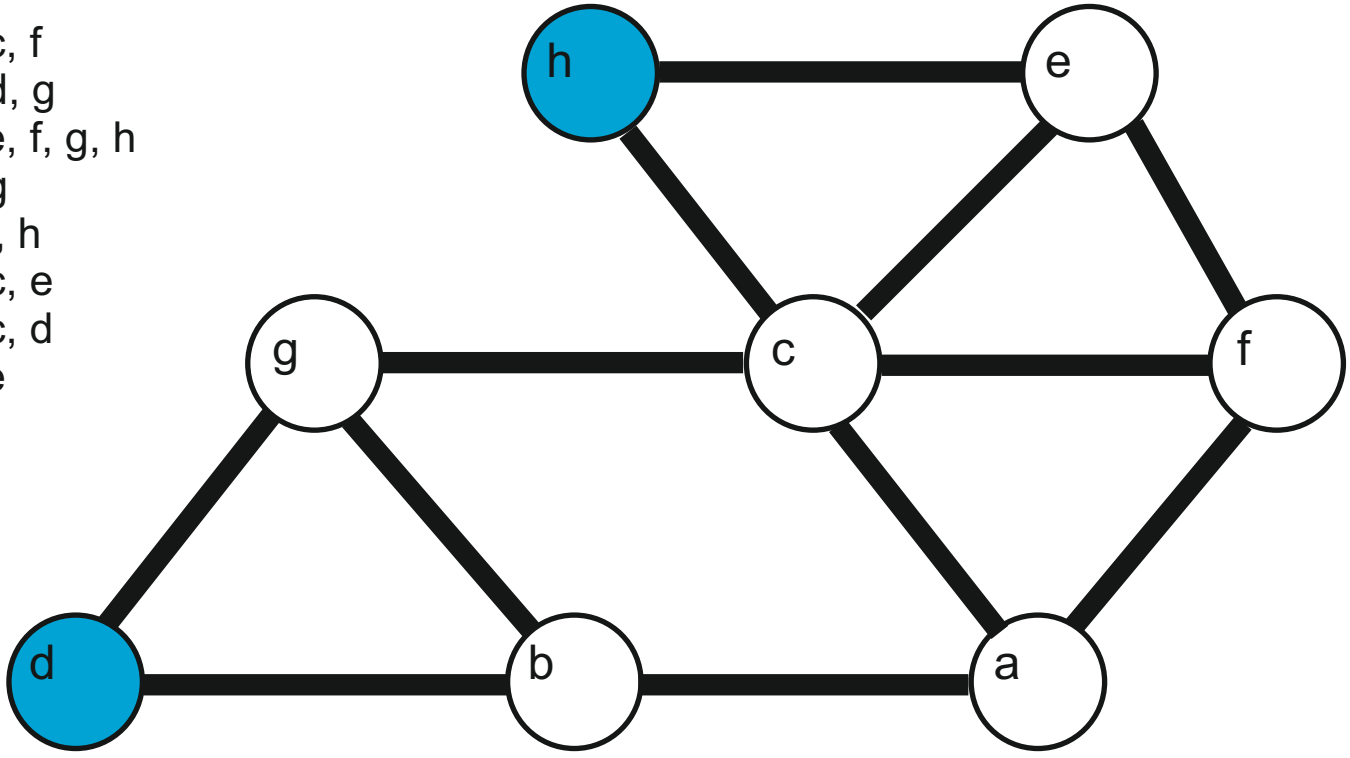
ZADANIE:
Wyznaczyć drzewo BFS w grafie danym listą sąsiadów:

a: b, c, f
b: a, d, g
c: a, e, f, g, h
d: b, g
e: c, f, h
f: a, c, e
g: b, c, d
h: c, e

W trakcie działania algorytmu, wyznaczyć najkrótszą ścieżkę z wierzchołka d do h.

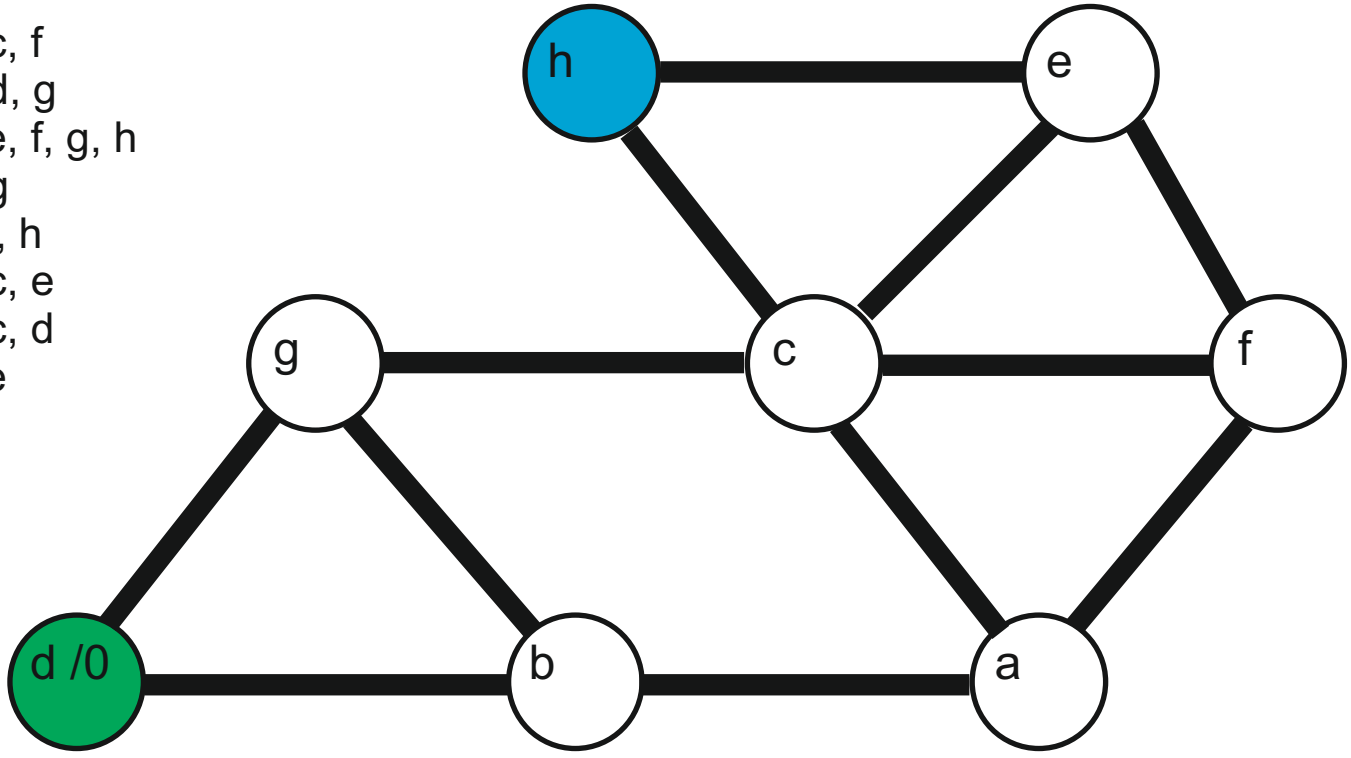
a: b, c, f
b: a, d, g
c: a, e, f, g, h
d: b, g
e: c, f, h
f: a, c, e
g: b, c, d
h: c, e



KOLEJKA:

TREE:
NOTTREE:

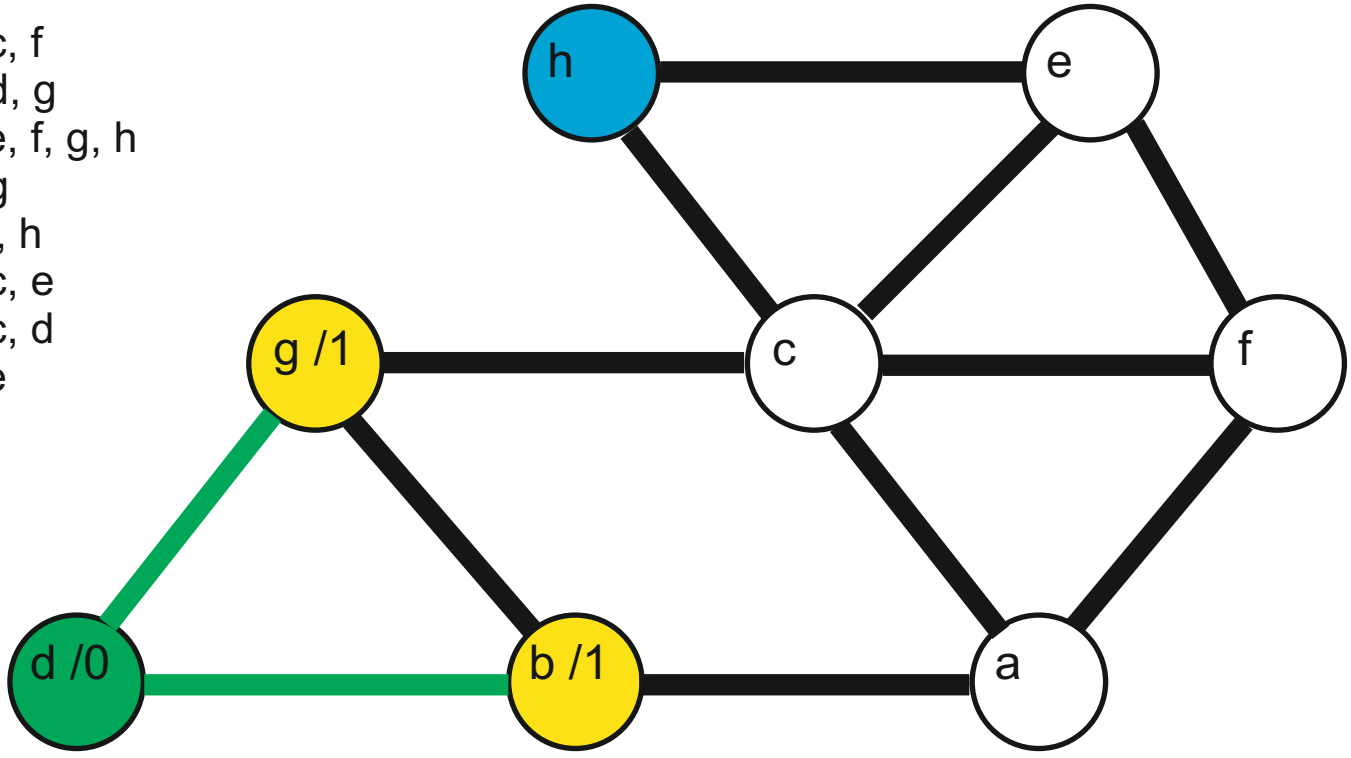
a: b, c, f
b: a, d, g
c: a, e, f, g, h
d: b, g
e: c, f, h
f: a, c, e
g: b, c, d
h: c, e



KOLEJKA: d

TREE:
NOTTREE:

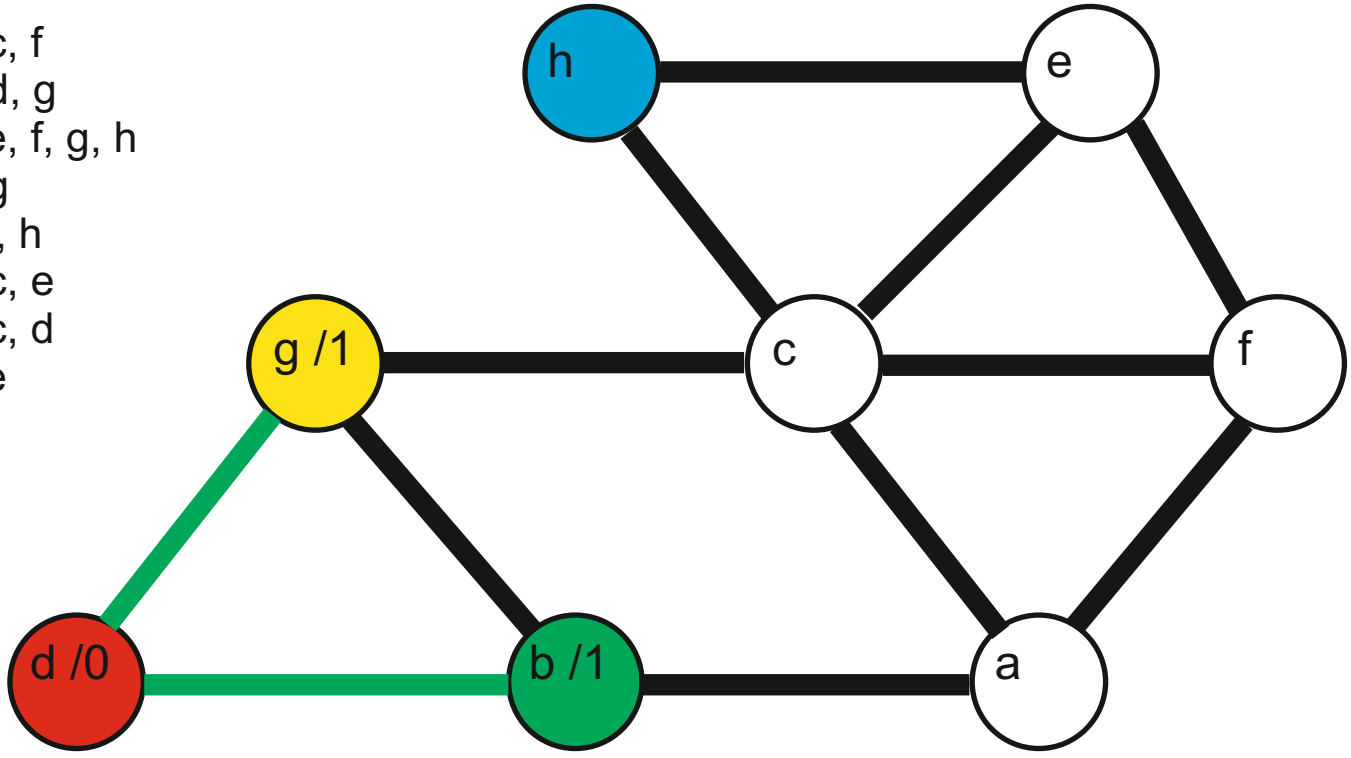
a: b, c, f
b: a, d, g
c: a, e, f, g, h
d: b, g
e: c, f, h
f: a, c, e
g: b, c, d
h: c, e



KOLEJKA: d, b, g

TREE: db, dg
NOTTREE:

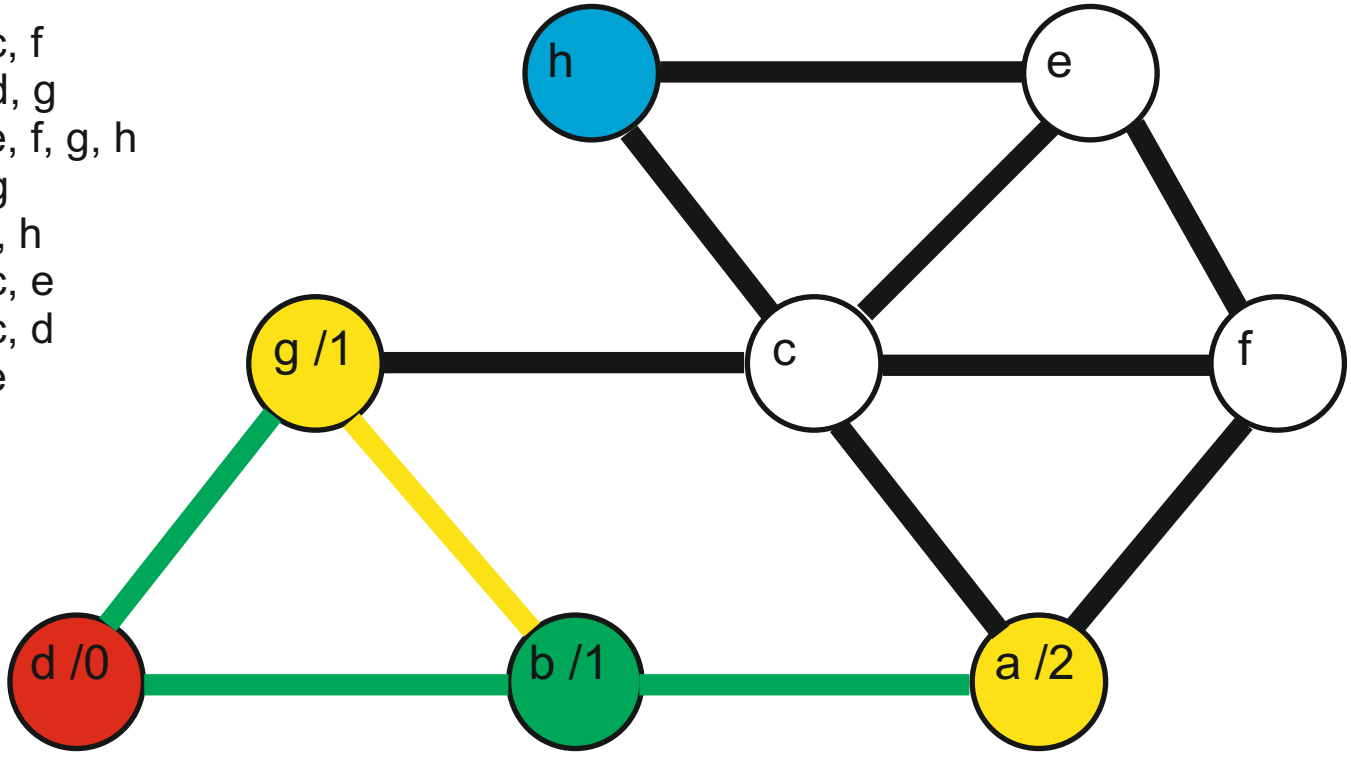
a: b, c, f
b: a, d, g
c: a, e, f, g, h
d: b, g
e: c, f, h
f: a, c, e
g: b, c, d
h: c, e



KOLEJKA: ~~d~~, b, g

TREE: db, dg
NOTTREE:

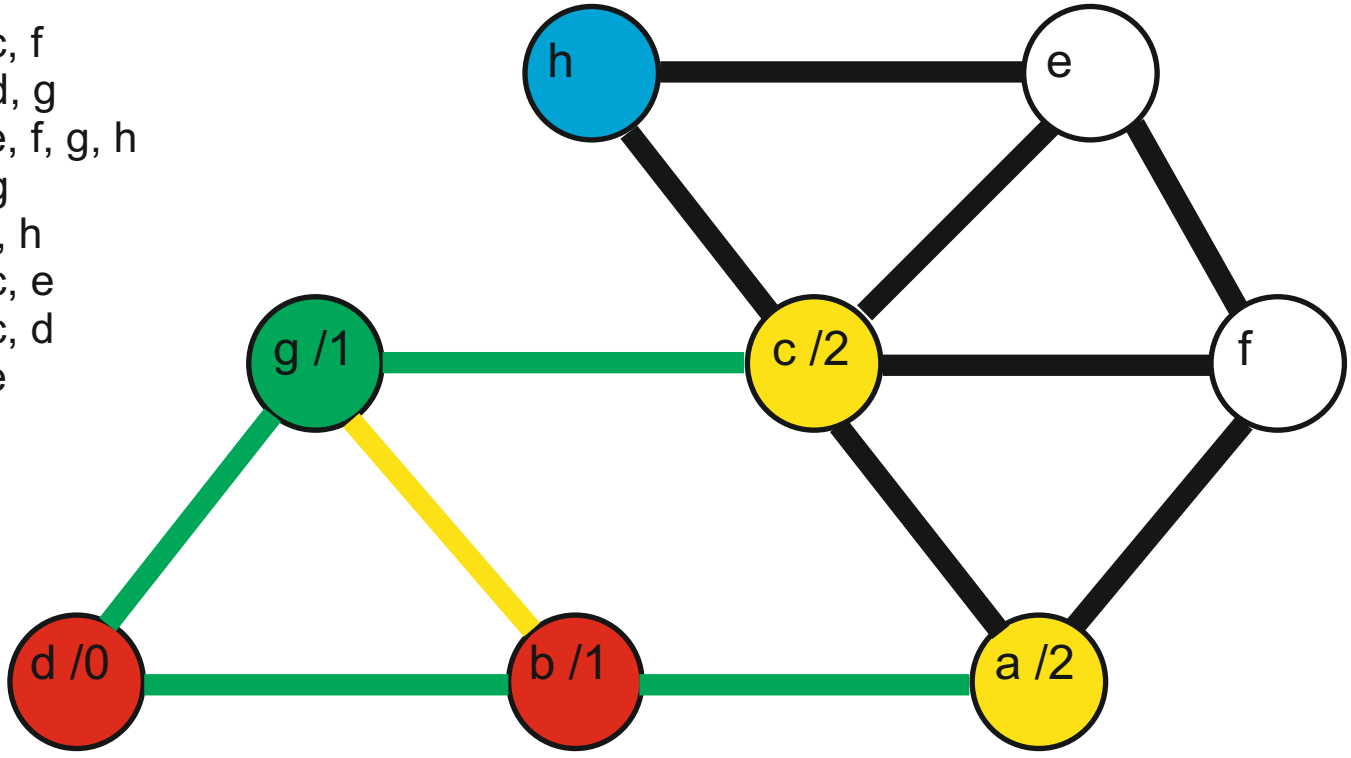
a: b, c, f
b: a, d, g
c: a, e, f, g, h
d: b, g
e: c, f, h
f: a, c, e
g: b, c, d
h: c, e



KOLEJKA: ~~d~~, b, g, a

TREE: db, dg, ba
NOTTREE: bg

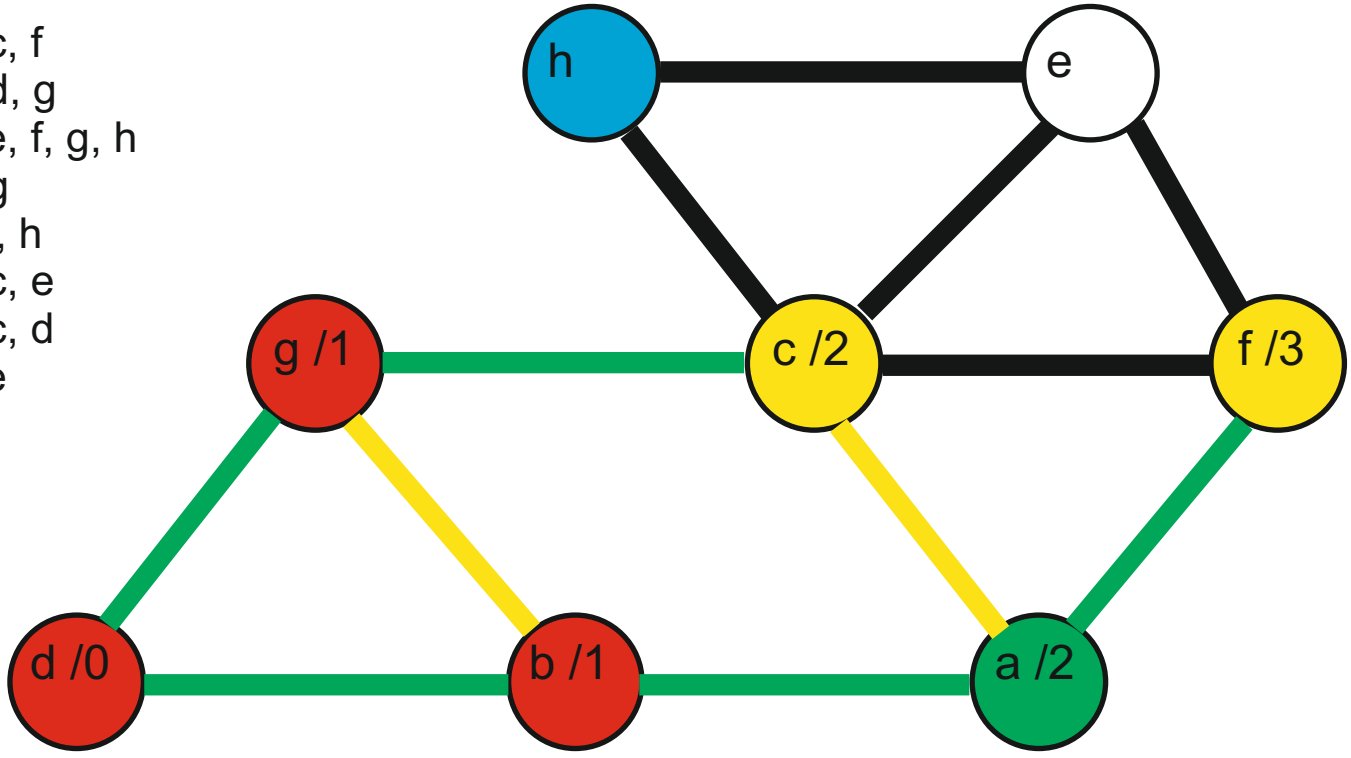
a: b, c, f
b: a, d, g
c: a, e, f, g, h
d: b, g
e: c, f, h
f: a, c, e
g: b, c, d
h: c, e



KOLEJKA: ~~d, b~~, g, a, c

TREE: db, dg, ba, gc
NOTTREE: bg

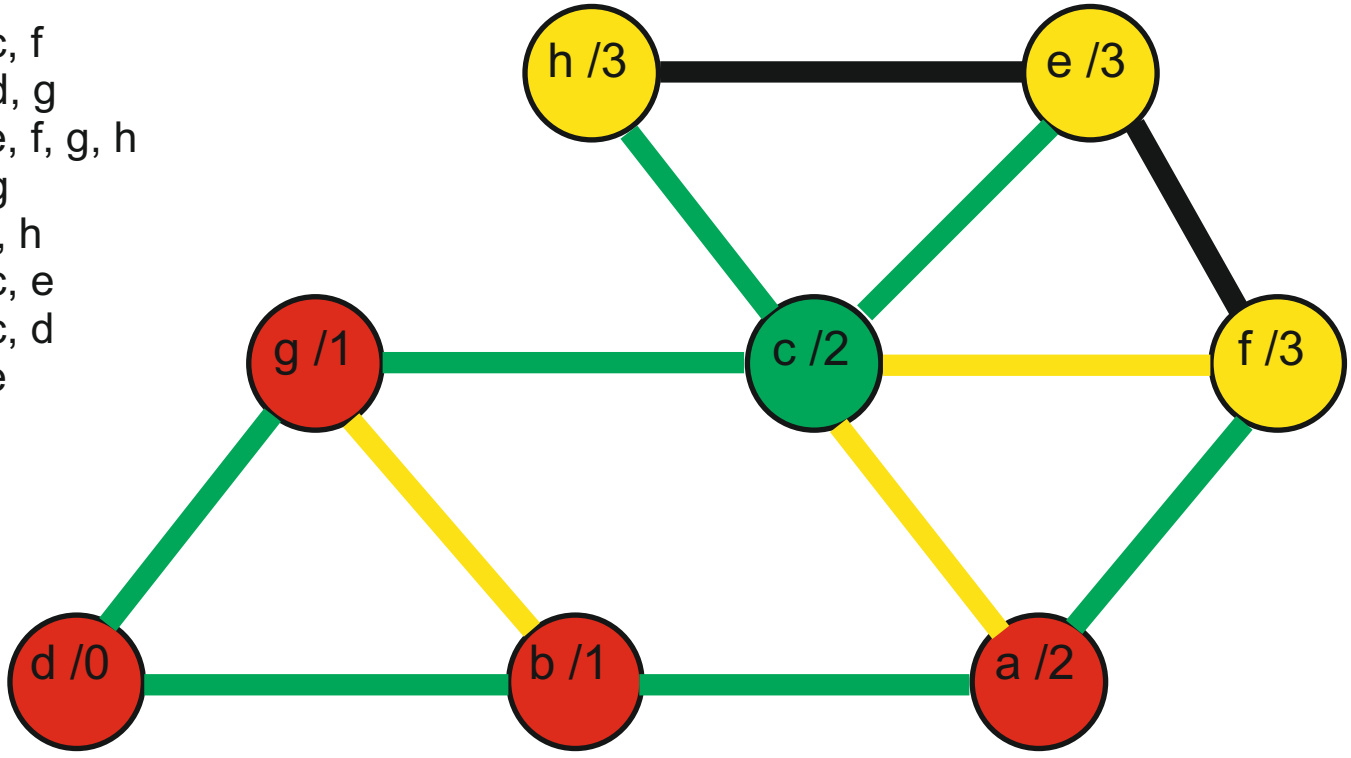
a: b, c, f
b: a, d, g
c: a, e, f, g, h
d: b, g
e: c, f, h
f: a, c, e
g: b, c, d
h: c, e



KOLEJKA: ~~d, b, g~~, a, c, f

TREE: db, dg, ba, gc, af
NOTTREE: bg, ac

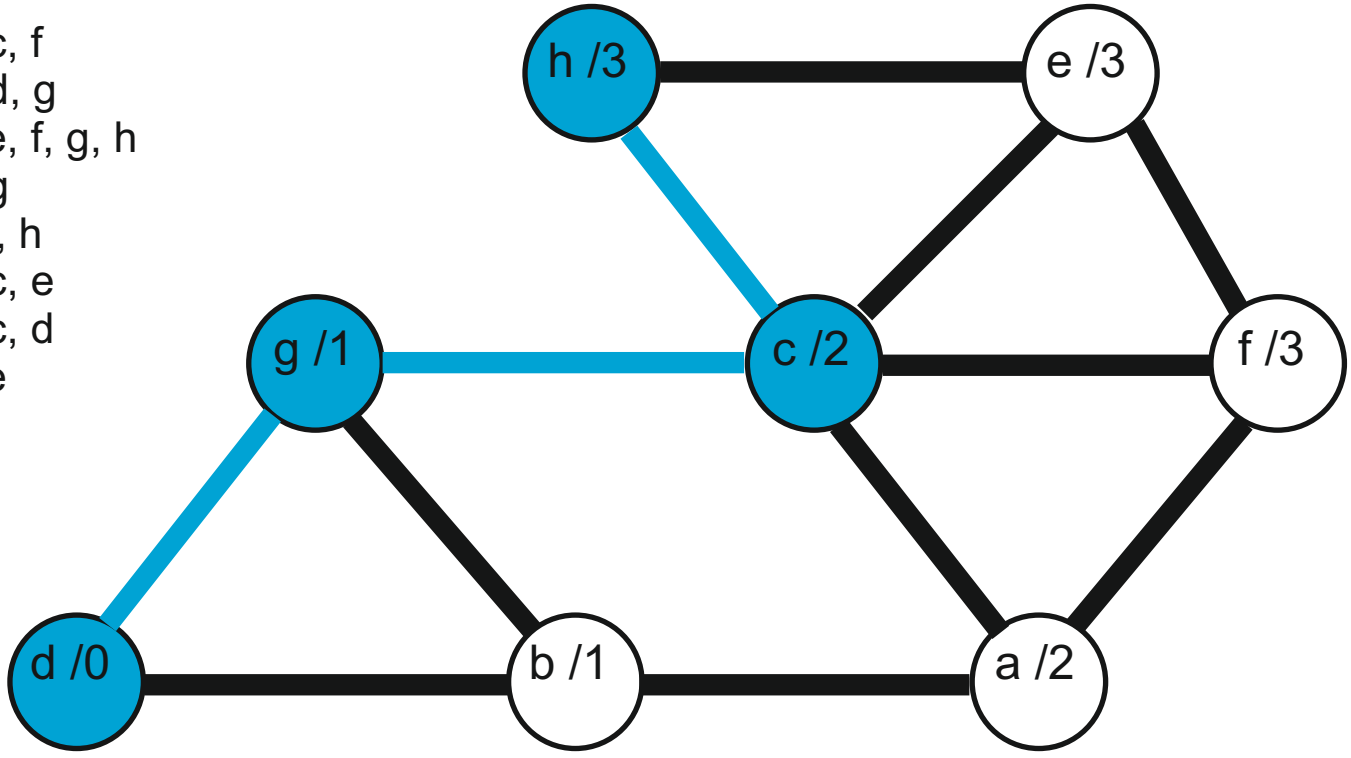
a: b, c, f
b: a, d, g
c: a, e, f, g, h
d: b, g
e: c, f, h
f: a, c, e
g: b, c, d
h: c, e



KOLEJKA: ~~d, b, g, a~~, c, f, e, h

TREE: db, dg, ba, gc, af, ce, ch
NOTTREE: bg, ac, cf

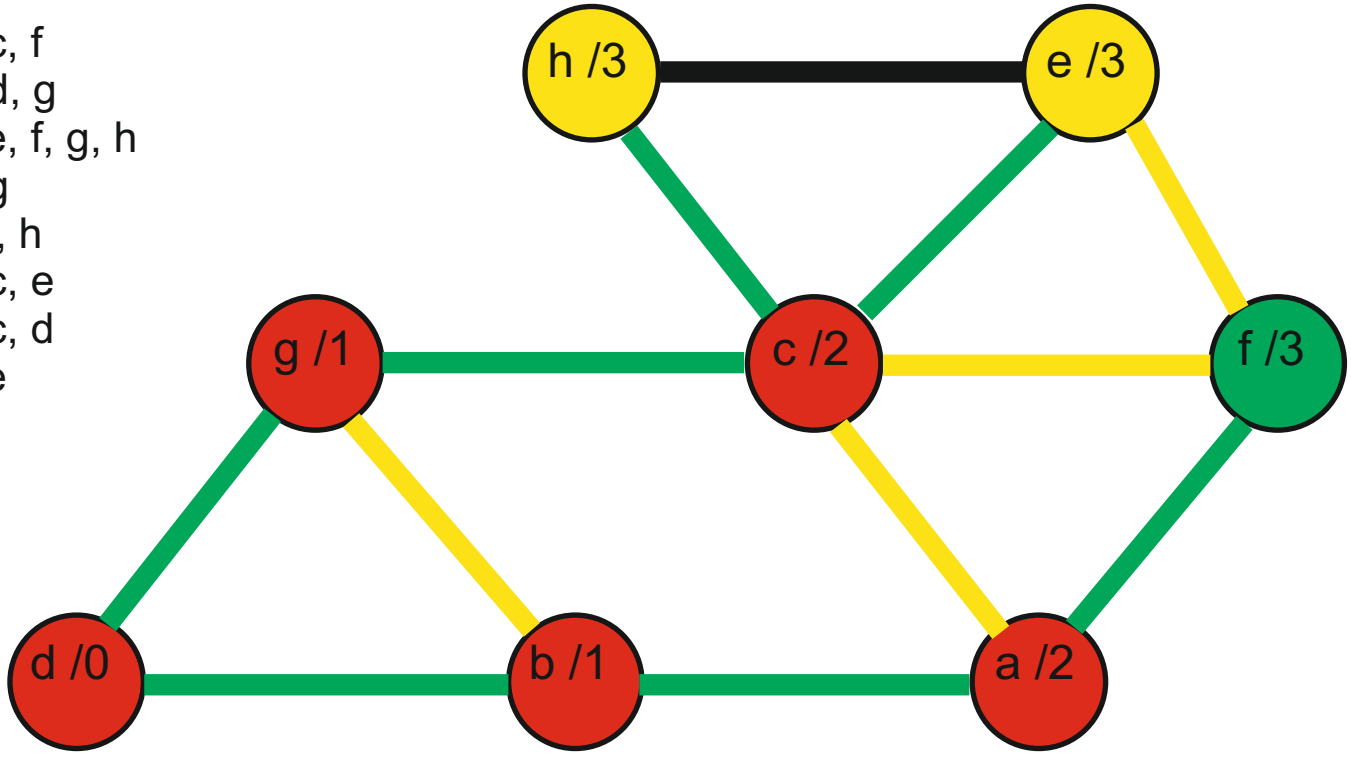
a: b, c, f
b: a, d, g
c: a, e, f, g, h
d: b, g
e: c, f, h
f: a, c, e
g: b, c, d
h: c, e



KOLEJKA: ~~d, b, g, a~~, c, f, e, h

TREE: db, dg, ba, gc, af, ce, ch
NOTTREE: bg, ac, cf

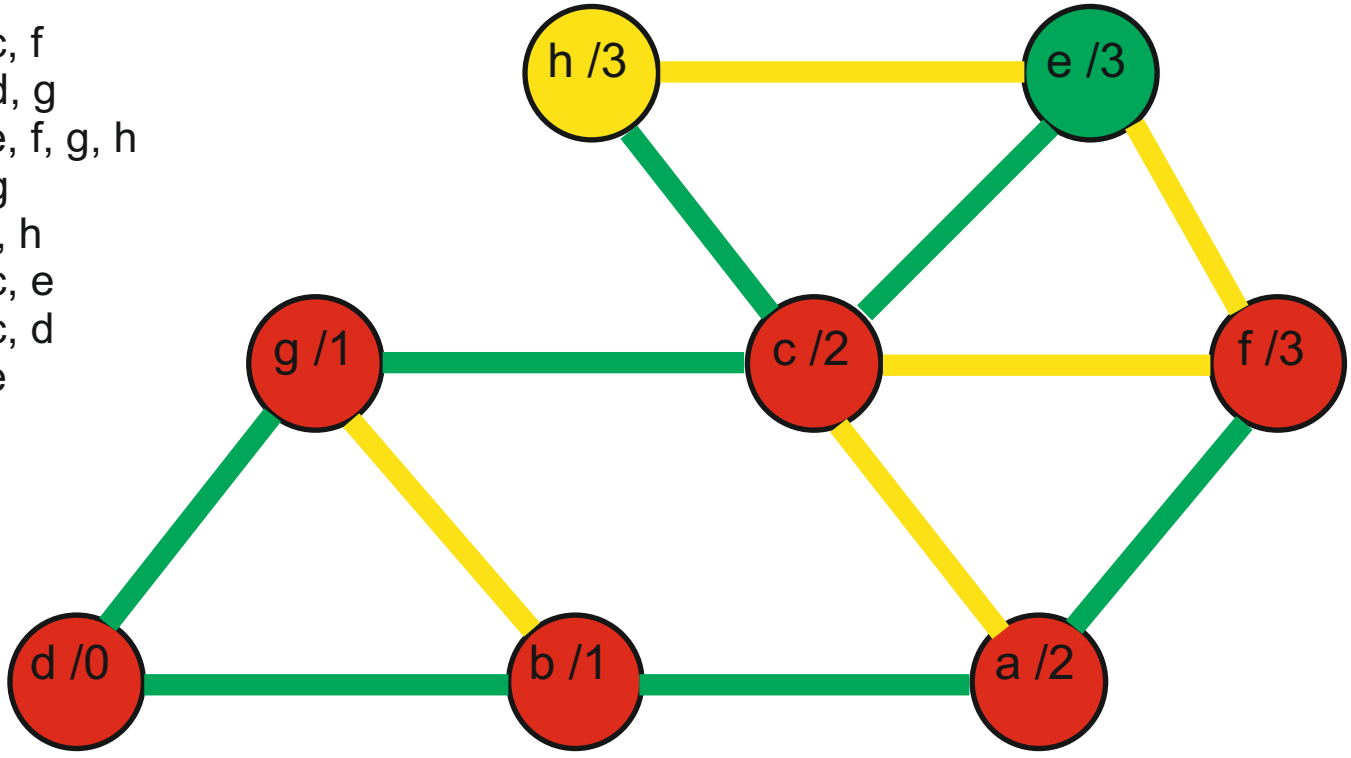
a: b, c, f
b: a, d, g
c: a, e, f, g, h
d: b, g
e: c, f, h
f: a, c, e
g: b, c, d
h: c, e



KOLEJKA: ~~d, b, g, a, c~~, f, e, h

TREE: db, dg, ba, gc, af, ce, ch
NOTTREE: bg, ac, cf, fe

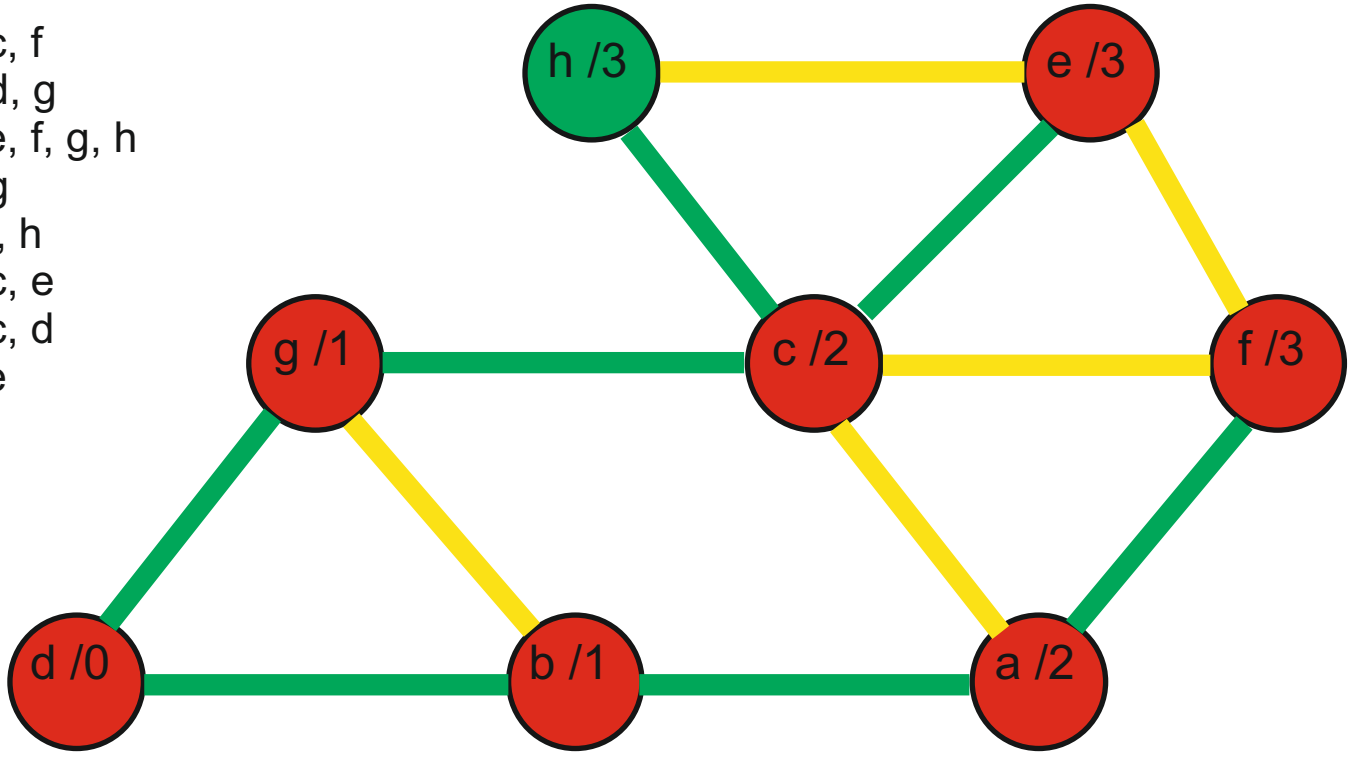
a: b, c, f
b: a, d, g
c: a, e, f, g, h
d: b, g
e: c, f, h
f: a, c, e
g: b, c, d
h: c, e



KOLEJKA: ~~d, b, g, a, c, f,~~ e, h

TREE: db, dg, ba, gc, af, ce, ch
NOTTREE: bg, ac, cf, fe, eh

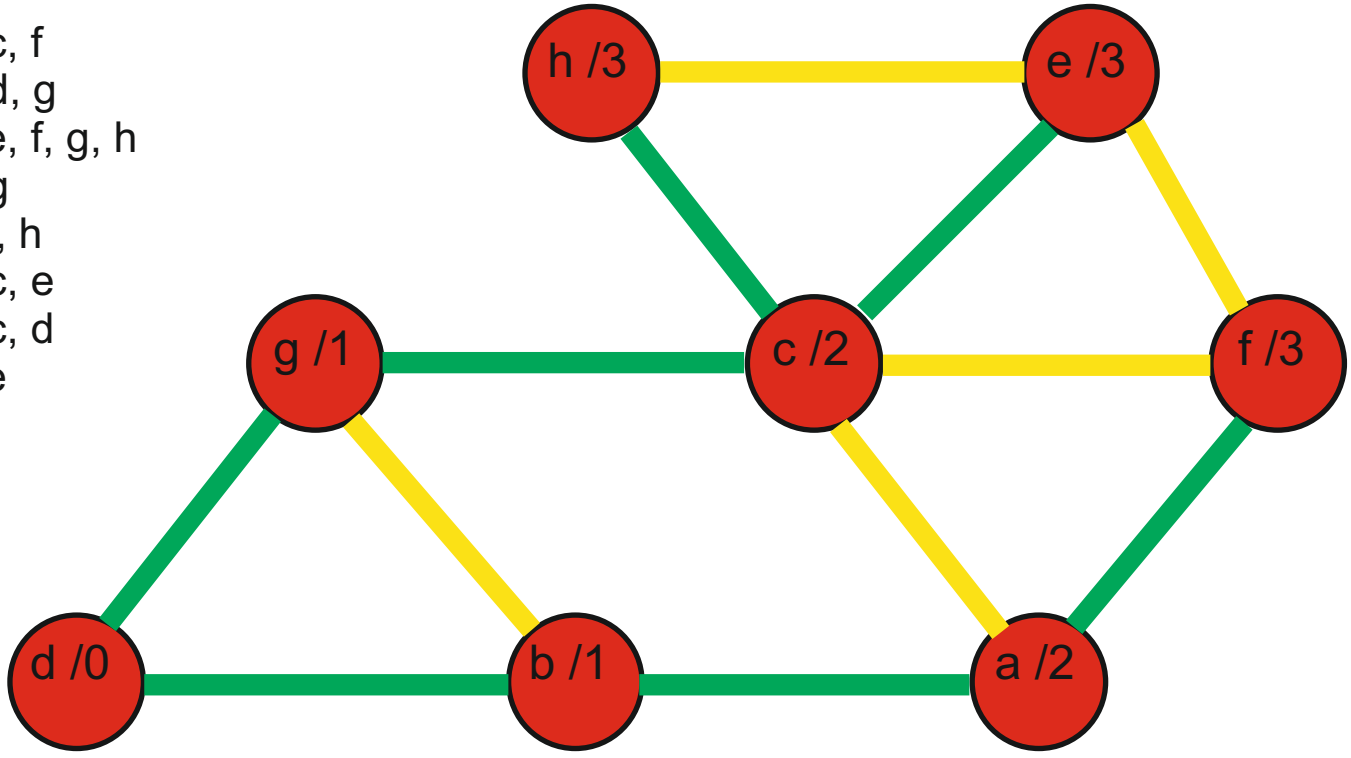
a: b, c, f
b: a, d, g
c: a, e, f, g, h
d: b, g
e: c, f, h
f: a, c, e
g: b, c, d
h: c, e



KOLEJKA: ~~d, b, g, a, c, f, e~~, h

TREE: db, dg, ba, gc, af, ce, ch
NOTTREE: bg, ac, cf, fe, eh

a: b, c, f
b: a, d, g
c: a, e, f, g, h
d: b, g
e: c, f, h
f: a, c, e
g: b, c, d
h: c, e



KOLEJKA: ~~d, b, g, a, c, f, e, h~~

TREE: db, dg, ba, gc, af, ce, ch
NOTTREE: bg, ac, cf, fe, eh