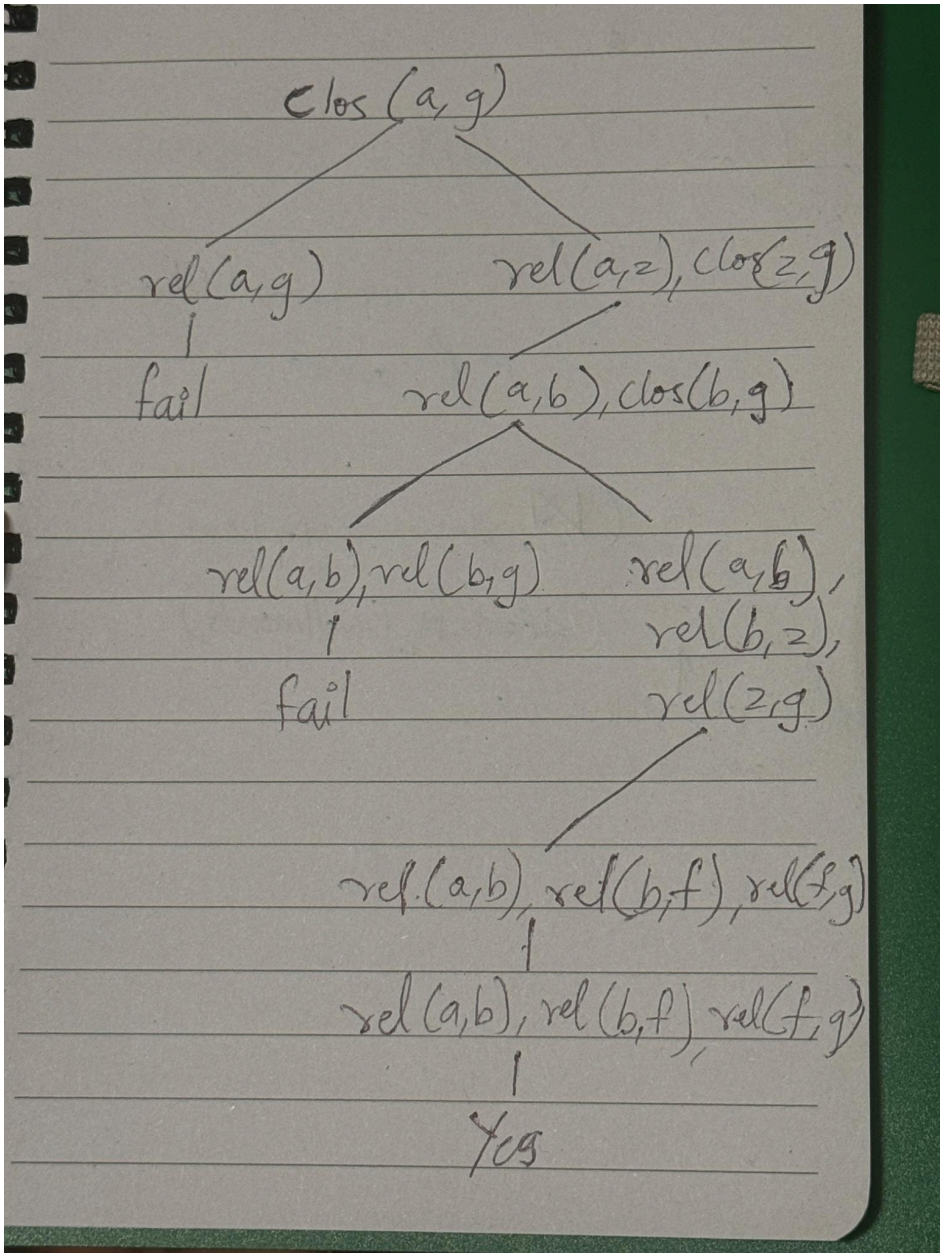
clos(a,g)
rel(a,g)
rel(a,z), clos(z,g)
fail
rel(a,b), clos(b,g)
rel(a,b), rel(b,g)
rel(a,b),
rel(b,z),
rel(z,g)
fail
rel(a,b), rel(b,f), rel(f,g)
rel(a,b), rel(b,f), rel(f,g)
Yes

p(X,Y) = p(Y,X).

- Succeeds when X = Y
- Output: true (with the binding X = Y)

q(X,X) = q(1,2).

- Fails because X would have to be both 1 and 2 at once.
- Output: false

m(f(X),Y) = m(f(a),b).

- Succeeds with X = a, Y = b.
- Output: true (X = a, Y = b)

k(X,Y) = k(a).

- Fails: same functor name k/2 vs. k/1.
- Output: false

[A,B|X] = [1,2].

- Succeeds: A = 1, B = 2, X = [].
- Output: true (A = 1, B = 2, X = [])