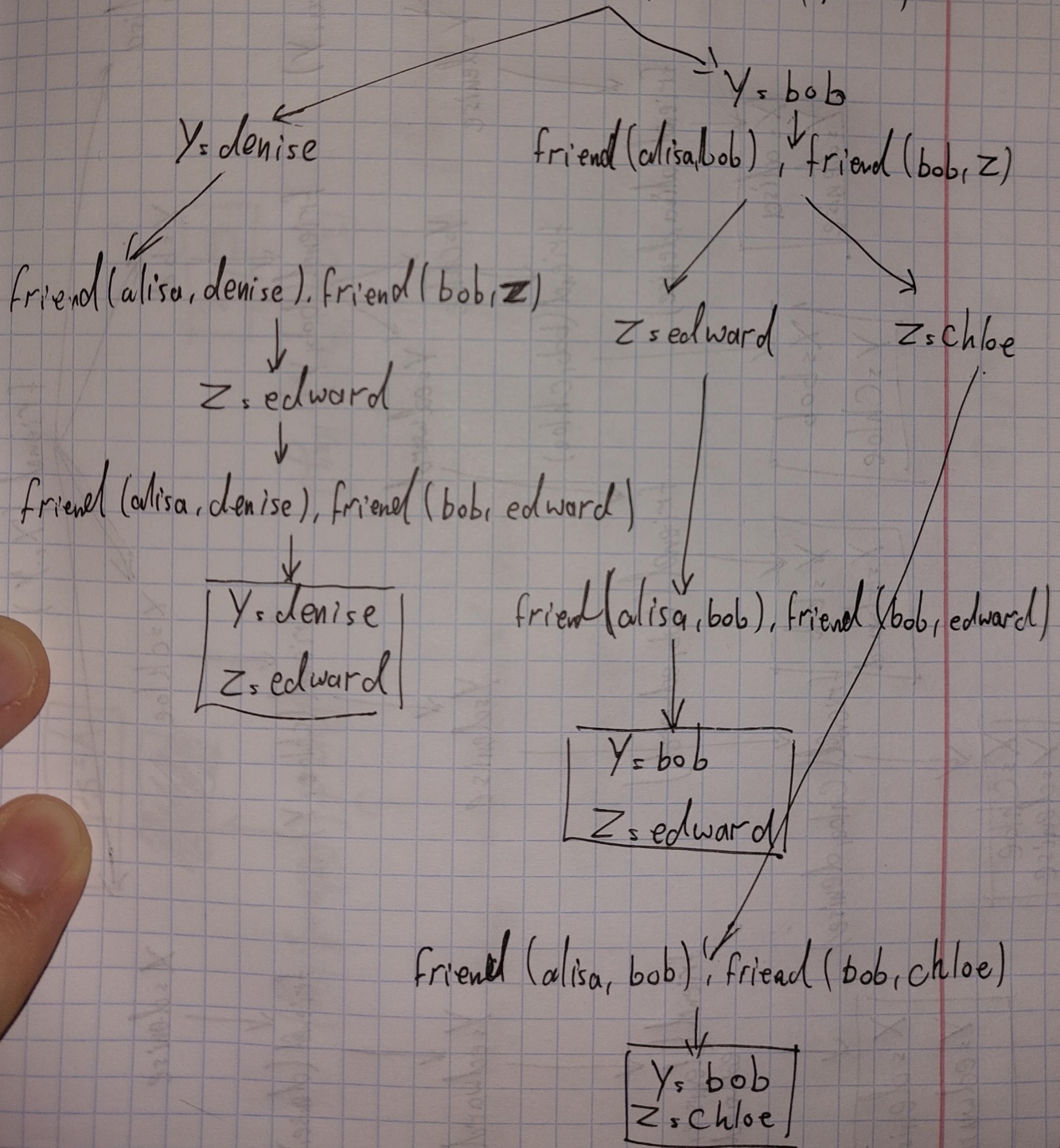


Problem set 10:

: Jaffar Potaaji - BD-01:

1 a)

friend(alisa, Y), friend(Y, Z)



b)

friend (X, Y)

X = alisa

X = bob

X = chloe

X = denise

friend (alisa, Y)

friend (bob, Y)

friend (chloe, Y)

friend (denise, Y)

Y = bob

Y = denise

Y = chloe

Y = edward

Y = denise

Y = edward

friend (bob, chloe)

friend (bob, edward)

friend (denise, edward)

friend (chloe, denise)

X = alisa
Y = bob

X = alisa
Y = denise

X = bob
Y = chloe

X = bob
Y = edward

X = chloe
Y = denise

X = denise
Y = edward

c)

Parent(jacqueline, Y), Parent(Y, ling)

Y = marjorie

Y = Patty

Y = selma

Parent(jacqueline, marjorie), Parent(marjorie, ling)

Parent(jacqueline, Patty), Parent(Patty, ling)

Parent(jacqueline, selma), Parent(selma, ling)

Parent(marjorie, ling)

False

Parent(Patty, ling)

False

Parent(selma, ling)

~~False~~

Y = Selma