

1.1

1a) *base de hechos*

Progenitor (Clara, Jose).
 Progenitor (Tomas, Jose).
 Progenitor (Tomas, Isabel).
 Progenitor (Jose, Ana).
 Progenitor (Jose, Patricia).
 Progenitor (Patricia, Jaime).

? Progenitor (Jaime, X).

Fallo!

1b) ? Progenitor (X, Jaime).
 | Progenitor (X, Jaime)
 Progenitor (Patricia, Jaime)
 |
 Éxito!

1.1 c) ? Progenitor (Clara, X), Progenitor (X, Patricia).
 | Progenitor (Clara, X')
 Progenitor (Clara, Jose)
 | {Jose/X'}
 Progenitor (Jose, Patricia)
 |
 Éxito!

1d) ?-progenitor (Tomas, X), Progenitor (X, Y), Progenitor (Y, Z).
 | Progenitor (Tomas, X')
 {X'/Isabel}
 Progenitor (Isabel, Y)
 |
 Fallo!
 {X'/Jose}
 Progenitor (Jose, Y)
 |
 {Y'/Ana}
 Progenitor (Ana, Z)
 |
 Fallo!
 {Y'/Patricia}
 Progenitor (Patricia, Z)
 | {Z'/Jaime}
 Progenitor (Patricia, Jaime)
 |
 Éxito!

1/5 Panel de hechos se mantiene

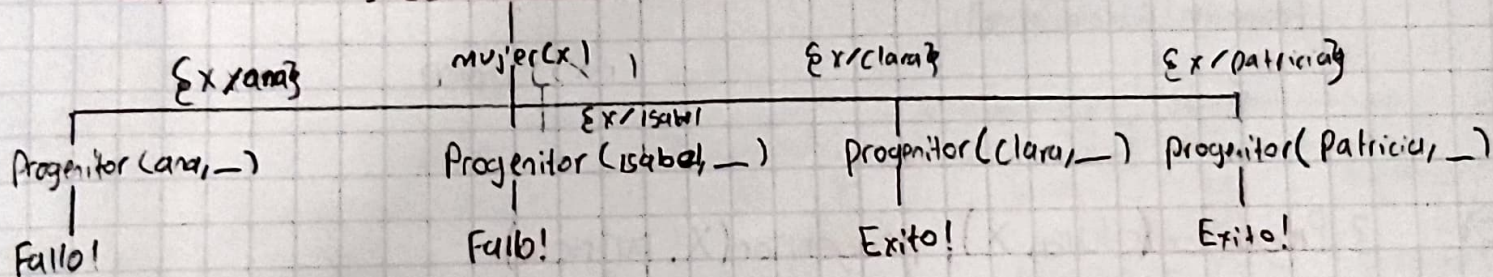
Claúsulas

hombre(x).
mujer(x)
progenitor(x,y)
dif(x,y): - x=y

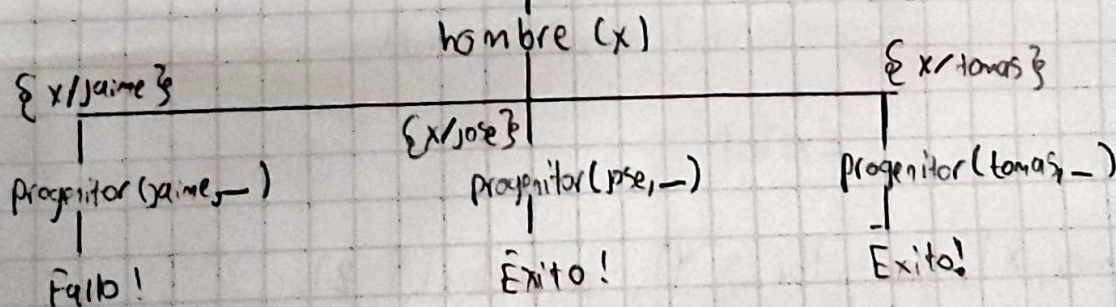
Reglas

- ES_madre(x): - mujer(x), progenitor(x,-).
- ES_padre(x): - hombre(x), progenitor(x,-).
- ES_hijo(x): - hombre(x), progenitor(-,x).
- hermana_de(x,y): - mujer(x), progenitor(z,x), progenitor(z,y), dif(x,y).
- abuelo_de(x,y): - hombre(x), progenitor(x,z), progenitor(z,y).
- abuela_de(x,y): - mujer(x), progenitor(x,z), progenitor(z,y).
- hermanos(x,y): - progenitor(z,x), progenitor(z,y), dif(x,y).
- tia(x,y): - mujer(x), hermanos(x,z), progenitor(z,y), dif(x,z).

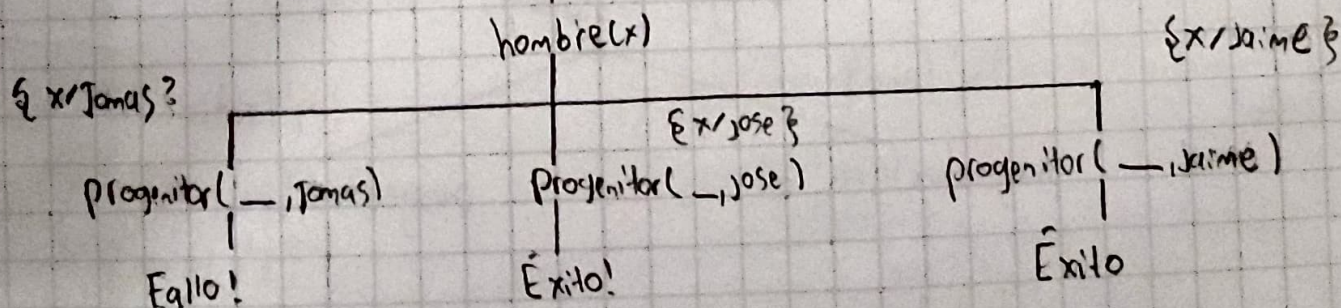
a) ? es-madre(x, .)



b) ? es-padre(x)



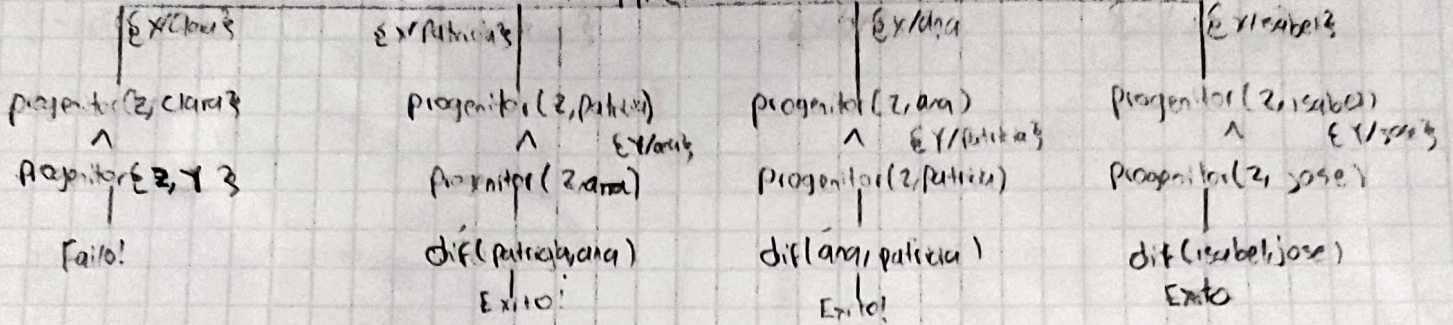
c) ? es-hijo(x)



D)

? hermanx - de (x, y)

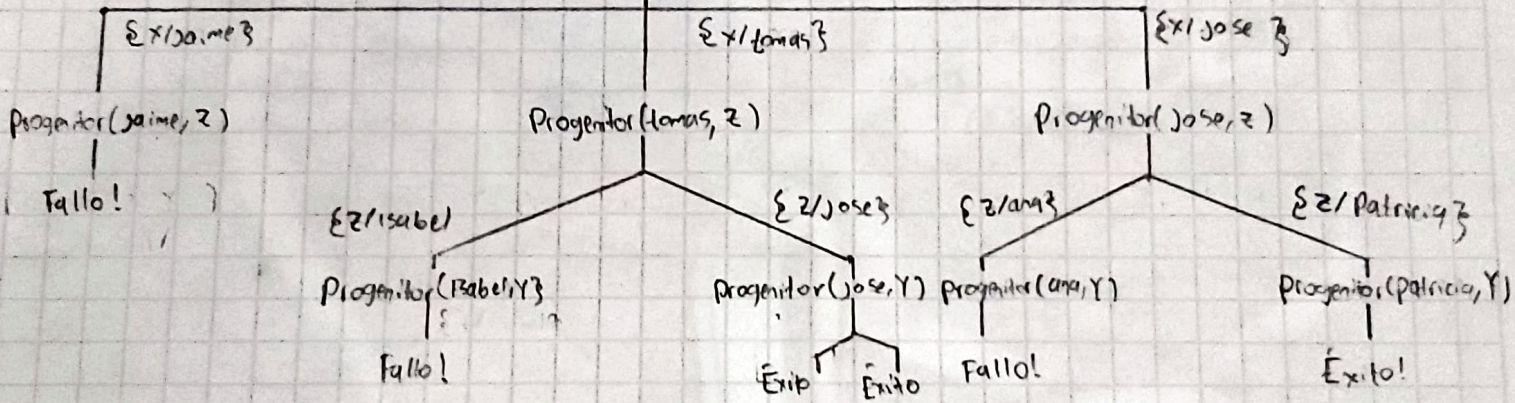
mujer(x)



E)

? Abuelo - de (x, y)

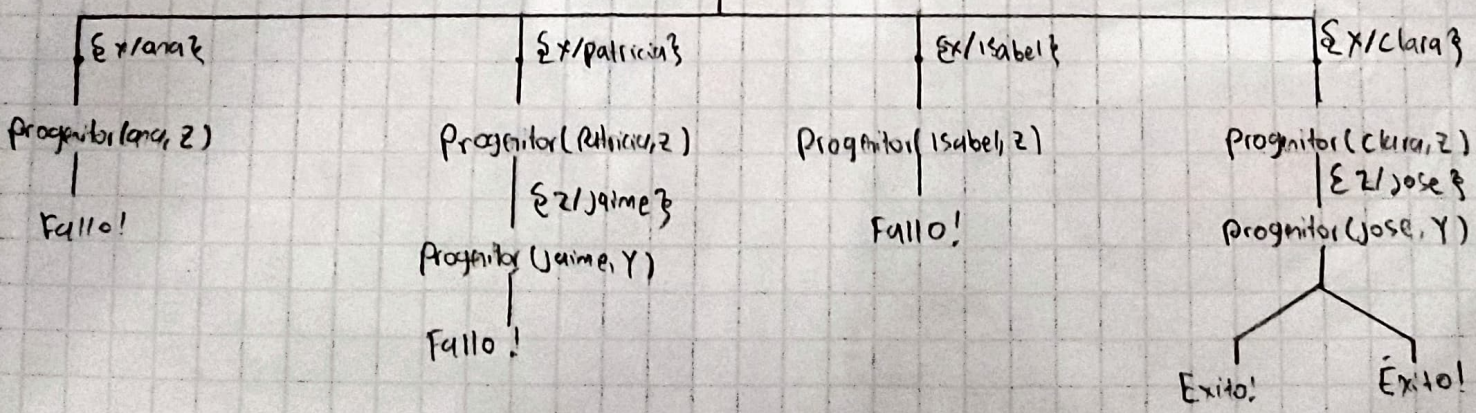
hombre(x)



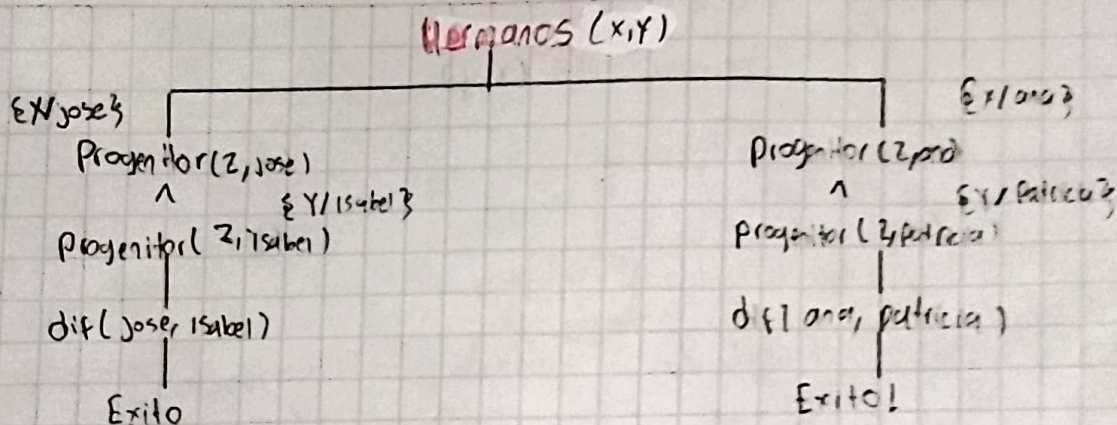
F)

? Abuela - de (x, y)

mujer(x)



F)



G)

