

## Ejecución del Caso 0, desde la terminal de prolog

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Rodriguez_Dominguez_LuisFernando_Practica4_3BV2_dep01
Rodriguez_Dominguez_LuisFernando_Practica5_3BV2_dep01
pillofon@pillofon-Legion-5-15ACH6H:~/Documents/escom/semestre3/paradigmas/parcial1$ cd Rodriguez_Dominguez_LuisFernando_Caso0_3BV2_dep01/
pillofon@pillofon-Legion-5-15ACH6H:~/Documents/escom/semestre3/paradigmas/parcial1/Rodriguez_Dominguez_LuisFernando_Caso0_3BV2_dep01$ touch caso0.pl
pillofon@pillofon-Legion-5-15ACH6H:~/Documents/escom/semestre3/paradigmas/parcial1/Rodriguez_Dominguez_LuisFernando_Caso0_3BV2_dep01$ code .
pillofon@pillofon-Legion-5-15ACH6H:~/Documents/escom/semestre3/paradigmas/parcial1/Rodriguez_Dominguez_LuisFernando_Caso0_3BV2_dep01$ ls
caso0.pl
pillofon@pillofon-Legion-5-15ACH6H:~/Documents/escom/semestre3/paradigmas/parcial1/Rodriguez_Dominguez_LuisFernando_Caso0_3BV2_dep01$ swipl
Welcome to SWI-Prolog (threaded, 64 bits, version 8.4.2)
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For online help and background, visit https://www.swi-prolog.org
For built-in help, use ?- help(Topic). or ?- apropos(Word).

1 ?- consult('caso0.pl').
true.

2 ?- en_pares1(4,2,6).
false.

3 ?- en_pares2(6,2,4).
true.

4 ?- en_pares3(8,5,3).
false.

5 ?- en_pares4(10,5,5).
false.

6 ?- en_pares5(12,6,6).
true.

7 ?- en_pares6(1,1,0).
false.

8 ?- en_pares7(244,240,4).
true.

9 ?- en_pares8(24,23,1).
false.

10 ?- en_pares9(24,20,2).
false.

11 ?- en_pares10(32,30,4).
false.

12 ?- 
```

```

caso0.pl
caso0.pl
35 %quintasolucion
36 en_pares5(N,X,Y):-
37     es_par(N),      %comprobar
38     suma(X,Y,N),    %generar
39     es_par(Y).      %comprobar
40
41 %sextasolucion
42 en_pares6(N,X,Y):-
43     resta(N,X,Y),   %generar
44     es_par(N),      %comprobar
45     es_par(X).      %comprobar
46
47 %septimasolucion
48 en_pares7(N,X,Y):-
49     not(es_impar(X)), %comprobar
50     suma(X,Y,N),     %generar
51     not(es_impar(Y)). %comprobar
52
53 %octavasolucion
54 en_pares8(N,X,Y):-
55     es_par(N),      %comprobar
56     resta(N,X,Y),   %generar
57     es_par(X).      %comprobar
58
59 %novenasolucion
60 en_pares9(N,X,Y):-
61     es_par(N),      %comprobar
62     es_par(X),      %comprobar
63     resta(N,X,Y).   %generar
64
65 %decimasolucion
66 en_pares10(N,X,Y):-
67     not(es_impar(X)), %comprobar
68     not(es_impar(Y)), %comprobar
69     suma(X,Y,N).     %generar
```