

Seminar 2

IS : $3+5 \text{ is } 8 \Rightarrow \text{FALSE}$ (calcularea doar ca o simplă "is")
 $8 \text{ is } 3+5 \Rightarrow \text{TRUE}$
 $3+5 \text{ is } 3+5 \Rightarrow \text{FALSE}$

== : $3+5 == 3+5 \Rightarrow \text{TRUE}$

ex: $X \text{ is } 3+5$

Va afișa: $X=8$

ex: $X=5, 8 \text{ is } 4+X$

Va afișa: false

ex: $X=5, 8 \text{ is } 3+5$

Va afișa $X=5$

ex: $8 \text{ is } 4+X, X=5$

Va af: erorare

① VScode: $\text{distance}((A,B),(C,D),R) :- R \text{ is sqrt}((A-C)**2 + (B-D)**2).$

SWI: ~~dist~~ consult - lab2.pl
 $\text{distance}((0,0),(2,3),R).$
 af: $R=3.60...$

② VScode: $\text{fib}(N,R) :- N>1, N_1 \text{ is } N-1, \text{fib}(N_1,A),$
 ~~$\text{fib}(N_1,A), N_2 \text{ is } N-2, \text{fib}(N_2,B), R \text{ is } A+B.$~~

SWI: consult \rightarrow lab2.pl.
 $\text{fib}(4,X).$
 af:

③ VScode: $\text{star}(N,C) :- N>0, \text{write}(C), X \text{ is } N-1, \text{star}(X,C).$

SWI: consult \rightarrow lab2.pl.
 $\text{star}(4, '*').$
 af: * * * *