

Exercise 7

May 16, 2019

1 A note on Maths in Prolog

Maths in prolog is weird, simple assignment of mathematics doesn't work because arithmetic is considered a separate data type. In order to assign the result of an equation you have to use the keyword `is`

2 Ex 1

Make a simple calculator which prints out the result of a formula (Hint: use `write/1`)
`calc(X)`

3 Ex 2

Make a `split` relationship which is true when a given list is split into 2 sublists
`split/3`

4 Ex 3

Make a predicate which holds when all the elements of a list are positive (i.e. **greater** than 0)
`positives/1`