INTRODUCTION

Einstein's riddle or the fish riddle - a riddle known in several different versions, the authorship of which is traditionally attributed to Albert Einstein. He supposedly said that only 2% of the world's population is able to solve it.

EXPLANATION

One of the possible wording:

5 people of different nationalities live in 5 different coloured houses. They all smoke 5 different tobacco products and drink 5 different drinks. They keep 5 different kinds of animals. Which of them keeps fish at home?

The Norwegian man lives in the first house

The Englishman lives in the red house.

The green house is directly to the left of the white house.

The Dane is drinking tea.

The light cigarette smoker lives next to the cat farmer.

The yellow house resident smokes a cigar.

The German man is smoking a pipe.

The resident in the middle house is drinking milk.

The light cigarette smoker has a neighbour who drinks water.

The smoker of unfiltered cigarettes breeds birds.

The Swede is breeding dogs.

The Norwegian man lives next to the blue house.

The horse breeder lives next door to the yellow house.

A menthol smoker drinks beer.

A green house drinks coffee.

The houses are assumed to be aligned (1-2-3-4-5), and the term "on the left" in (3) refers to the left side from the perspective opposite these houses (i.e. house number n is directly to the left of house n+1, and the house to the left of house n is house number n-1).

SOLUTION

To get the solution from our code we need to use a command:

?- solution(Fish\_farmer).

And the aswer is:

Fish\_farmer = german

SUMMARY

Solving the Riddle constructed by Albert Einstein requires a lot of time, if we want to solve it ourselves. However, with the help of our program we can solve it in a second.