Aplicații Prolog Sã se determine valence sinclui  $h(n) = 3 \cdot h(n-1) + 2 \cdot h(n-2) + 1$ , h(0) = -1, h(1) = 2. Program SWI Polog [sigh (0, -4). sirh (N, RH): - W is N-1, No is N-2, sirh (N, RH), sirh (No, RH), RH is 3x RH1+ 2x RH2+1. Exercitie: sirh(2,RH). sirh(7,RH). 3') Sà si determine reloana similai [h(n) = a.h(n-1) + b.h(n-2) + c), a,b,c = 1R, h(0) = -1, h(1) = 2. Program Swi Prolog sirhe (A,B,C, N, RH):- NI is H-1, He is H-2, withe (NI, RHI), sithe (Ne, RHE), RH is A\*RHI+B\*RHE+C. Executive: sirha (2,3,2,7, Rejultat sirh) lema de lucru

1) São or determine valoare sinalui co = k. co-1-t, k,teZ. co =-1.

2) Sã de détermine valores simbi In redat prin: 2/11+1 = 3/11 - 1/1+2 ru fo = -1, 21 = 2.