Sortarea listelor de numera reale 1) Metada Bubble Sort - presupone reclizares de infrechimbéri a elimentebr din listà panà se ajung la ordiner du sortere Presuperen: ordiner de sorter - ordiner enscatare L=[H, Hz,..., Hn] interschimbar (Hi, Hi+) dani Hi>Hi+ Program Prolog Pista = real+ pred intes bsort (lista, lista) schimba (Pista, Pista) clauses | bsort(L, Lent): - schimbe(L, La), bsort(La, Lant), !. Lbert (L, L). [schimba([H1, H2|T], [H2, H1)T]):- H1> H2. |Schimba([HIT], [HIT]):- schimba (T, T1). Executive: boot ([7, -2,10, 1], Lout). (sut = [-2,1,7,10]

2) Sortarea prin insertie - sorteria se relizera prin insererca elementible pe posifie de soitere L= [H, H, ..., Hn] ८= [H/丁] Sort (T,TS) Program Profis listo = milx productes inactisat (Pista, lista) insert (real, listo, lista) Clours [iner/sort([], []). Lineatort ([H]], (soil): -invatoral(T, TS), inert(H, TZ, Laut). ined (H, [>H], [>H]):- H>Y, inset (H, T, T1), . Lineit [H, L, [HIL]). Exercise: inentsort ([1,-1,10], Lsort). (EIV): [-1,1,10].