function DECISION-LIST-LEARNING(*examples*) **returns** a decision list, *No* or failure

if *examples* is empty **then return** the value *No*
t ← a test that matches a nonempty subset $examples_t$ of *examples*
    such that the members of $examples_t$ are all positive or all negative
if there is no such *t* **then return** failure
if the examples in $examples_t$ are positive **then** *o* ← *Yes*
else *o* ← *No*
return a decision list with initial test *t* and outcome *o*
    and remaining elements given by DECISION-LIST-LEARNING($examples - examples_t$)