Algorithm for compiling pattern matching.

We start with a list of _rules_. each of which is (a match)
a pair consisting of a binding pattern and a body expression.

rule ::= {pat : pattern , body : expr.

The goal is to construct a decision or discrimination tree that unifies the matching of a pattern against an argument value to select a particular rule body to evaluate (in an environment given by binding the variables in the corresponding pattern to the appropriate argument components).

There are two functions to be performed.

(1) discrimination of cases

(2) binding of pattern variables.