Table 1: Basic tactics

what do you want to do?	tactics
directly provide a proof term M	exact M
provide a proof term M with wildcards _ for subgoals	refine M
use an assumption	exact, assumption, eassumption
replace M in the goal by a variable and generalize over it	generalize M
add the type of M to the context	pose proof M as H; generalize M and then intro H
prove A and introduce it to the context	assert (H: A)
change the goal to G	enough G
unfold the definition of c (in the goal, in H, everywhere)	unfold c; unfold c in H; unfold c in *
fold back the definition of c	fold c
move hypothesis H back to the goal ("reverting" intro H)	revert H
remove hypothesis H	clear H
find a contradiction in the context	contradiction
simple Prolog-like automation	auto, eauto
automatically solve an "easy" goal	easy, trivial
automatically solve a linear arithmetic goal	lia (needs Require Import Psatz)
automatically prove a propositional formula	tauto
automatically prove a first-order formula	firstorder
combine tauto with auto	intuition
induction on t	induction t as [...]
reasoning by cases on an object t	destruct t as [...]
reasoning by cases on a proof H of an inductive predicate	inversion H as [...]; inversion_clear H as [...]
replace t with x and add x = t to the context	remember t as x
give up on the goal	admit