1 Some theory

theory *Test*
  imports *Main*
begin

1.1 Some definitions

definition $b :: nat$ **where** $b = 2$

1.2 Some theorems and proofs

— comment 1

theorem *test2*: $a \neq c$
  — comment 3
proof −
  show *?thesis*
    by (*simp add*: *a-def c-def*)
qed

— comment 4

theorem *test3*: $b \neq c$

end