```
IsPO (≤, T): trait
  % ≤ is a partial order on T
  introduces __≤__: T, T → Bool
  asserts ∀ x, y, z: T
    x ≤ x;
    (x ≤ y ∧ y ≤ z) ⇒ x ≤ z;
    x ≤ y ∧ y ≤ x == x = y
  implies
    Antisymmetric (≤),
    PreOrder,
    Reflexive (≤),
    Transitive (≤)
    T partitioned by ≤
```