

# Class Inheritance Examples

# TimeZ

- Inherit Time class (cpptime1006.cpp)
  - add ZONE {KST, EST}
    - enum Zone {KST, EST}
    - Inside class or outside class
  - 13 hours difference
  - add Constructors
    - TimeZ()
    - TimeZ(h, m, s)
    - TimeZ(h, m, s, z)

# TimeZ

- Inherit Time class (cpptime1006.cpp)
  - getters
    - add getZone()
  - setters
    - add set(h, m, s, z)
      - call parent's function
  - Overriding
    - override showTime(), toString()
    - operator ==
    - operator +
    - operator <<