Class NonMetal inherits form Element

Classfeilds:

state (char)

Default Constructor

ASSERTION ALGORITHM

super default constructor

state = G

Alternate Constructor

ASSERTION: ALGORITHM:

comment: send all super values to alternate super constructor

super ← inName, inSymbol, inAtomic, inMass

IF state = G || L || S

state = inState

ELSEIF

Throw Exception

Copy Constructor

IMPORT inElement (ElementClass)

ASSERTION ALGORITHM:

state = inState

Getters

getState

IMPORT inState

ALGORITHM:

Export copy of state

Setters

setState

IMPORT IMPORT inState

ALGORITHM:

State = inState

Equals

IMPORT inState

ASSERTION ALGORITHM:

If inState == getState

isEqual = true

Else

isEqual = false

toString

EXPORT super.toString + "," + state +"/>"