```
multiscale::NumberIterator
       # isInitialised
       # upperBound
       + NumberIterator()
       + ~NumberIterator()
       + init()
       + hasNext()
       + number()
       + reset()
       - initialise()
       - hasNextInitialised()
       - hasNextNotInitialised()
       resetCurrentNumber()
multiscale::LexicographicNumberIterator
- upperBoundDigits
- currentNumberDigits
+ LexicographicNumberIterator()
+ ~LexicographicNumberIterator()
+ number()
- initialise()

    hasNextInitialised()

resetCurrentNumber()
numberToDigits()
- reverseDigits()
- digitsToNumber()
- isLargerThanUpperBound()
```

- padWithZeros()