



java.lang.*

Number

Methods declared in Number are hidden in subtypes



Serializable



Number

byte byteValue()
double doubleValue()
float floatValue()
int intValue()
long longValue()
short shortValue()



Byte

Byte (byte value)
Byte (String s) ↵

Static Methods

Byte **decode** (String nm) ↵
byte **parseByte** (String s) ↵
byte **parseByte** (String s, int radix) ↵
String **toString** (byte b)
Byte **valueOf** (String s) ↵
Byte **valueOf** (String s, int radix) ↵
Object
boolean equals (Object obj)
int hashCode ()
String toString ()
Other Public Methods
int compareTo (Byte anotherByte)
int compareTo (Object o)

byte MIN_VALUE, MAX_VALUE
Class TYPE



Short

Short (short value)
Short (String s) ↵

Static Methods

Short **decode** (String nm) ↵
short **parseShort** (String s) ↵
short **parseShort** (String s, int radix) ↵
String **toString** (short s)
Short **valueOf** (String s) ↵
Short **valueOf** (String s, int radix) ↵
Object
boolean equals (Object obj)
int hashCode ()
String toString ()
Other Public Methods
int compareTo (Short anotherShort)
int compareTo (Object o)

short MIN_VALUE, MAX_VALUE
Class TYPE



Integer

Integer (int value)
Integer (String s) ↵

Static Methods

Integer **decode** (String nm) ↵
Integer **getInteger** (String nm)
Integer **getInteger** (String nm, int val)
Integer **getInteger** (String nm, Integer val)
int **parseInt** (String s) ↵
int **parseInt** (String s, int radix) ↵
String **toBinaryString** (int i)
String **toHexString** (int i)
String **toOctalString** (int i)
String **toString** (int i)
String **toString** (int i, int radix)
Integer **valueOf** (String s) ↵
Integer **valueOf** (String s, int radix) ↵
Object
boolean equals (Object obj)
int hashCode ()
String toString ()
Other Public Methods
int compareTo (Integer anotherInteger)
int compareTo (Object o)

int MIN_VALUE, MAX_VALUE
Class TYPE



Long

Long (long value)
Long (String s) ↵

Static Methods

Long **decode** (String nm) ↵
Long **getLong** (String nm)
Long **getLong** (String nm, long val)
Long **getLong** (String nm, Long val)
long **parseLong** (String s) ↵
long **parseLong** (String s, int radix) ↵
String **toBinaryString** (long l)
String **toHexString** (long l)
String **toOctalString** (long l)
String **toString** (long l)
String **toString** (long l, int radix)
Long **valueOf** (String s) ↵
Long **valueOf** (String s, int radix) ↵
Object
boolean equals (Object obj)
int hashCode ()
String toString ()
Other Public Methods
int compareTo (Long anotherLong)
int compareTo (Object o)

long MIN_VALUE, MAX_VALUE
Class TYPE

Comparable

int compareTo (Object o)

Float

Float (float value)
Float (double value)
Float (String s)

Static Methods

int compare (float f1, float f2)
int floatToIntBits (float value)
int floatToRawIntBits (float value)
float intBitsToFloat (int bits)
boolean isInfinite (float v)
boolean isNaN (float v)
float parseFloat (String s)
String toString (float f)
Float valueOf (String s)

Accessors

boolean isInfinite ()
boolean isNaN ()

Object

boolean equals (Object obj)
int hashCode ()
String toString ()

Other Public Methods

int compareTo (Float anotherFloat)
int compareTo (Object o)

float POSITIVE_INFINITY;
float NEGATIVE_INFINITY;
float MAX_VALUE;
float MIN_VALUE;
Class TYPE

Double

Double (double value)
Double (String s)

Static Methods

int compare (double d1, double d2)
long doubleToLongBits (double value)
long doubleToRawLongBits (double value)
boolean isInfinite (double v)
boolean isNaN (double v)
double longBitsToDouble (long bits)
double parseDouble (String s)
String toString (double d)
Double valueOf (String s)

Accessors

boolean isInfinite ()
boolean isNaN ()

Object

boolean equals (Object obj)
int hashCode ()
String toString ()

Other Public Methods

int compareTo (Double anotherDouble)
int compareTo (Object o)

double POSITIVE_INFINITY;
double NEGATIVE_INFINITY;
double MAX_VALUE;
double MIN_VALUE;
Class TYPE

java.math. BigDecimal

BigDecimal (String val)
BigDecimal (double val)
BigDecimal (BigDecimal val)
BigDecimal (BigDecimal unscaledVal, int scale)

Static Methods

BigDecimal valueOf (long val)
BigDecimal valueOf (long unscaledVal, int scale)
Accessors + Collectors
BigDecimal setScale (int scale)
BigDecimal setScale (int scale, int roundingMode)
BigDecimal add (BigDecimal val)
Object
boolean equals (Object x)
int hashCode ()
String toString ()

Other Public Methods

BigDecimal abs ()
int compareTo (BigDecimal val)
int compareTo (Object o)
BigDecimal divide (BigDecimal val, int roundingMode)
BigDecimal divide (BigDecimal val, int scale, int roundingMode)
BigDecimal max (BigDecimal val)
BigDecimal min (BigDecimal val)
BigDecimal movePointLeft (int n)
BigDecimal movePointRight (int n)
BigDecimal multiply (BigDecimal val)
BigDecimal negate ()
int scale ()
int signum ()
BigDecimal subtract (BigDecimal val)
BigDecimal toBigDecimal ()
BigDecimal unscaledValue ()

int ROUND_UP, ROUND_DOWN, ROUND_CEILING,
int ROUND_FLOOR, ROUND_HALF_UP,
int ROUND_HALF_DOWN, ROUND_HALF_EVEN,
int ROUND_UNNECESSARY

java.math. BigInteger

BigInteger (byte[] val)
BigInteger (String val)
BigInteger (int signum, byte[] magnitude)
BigInteger (String val, int radix)
BigInteger (int numBits, Random rnd)
BigInteger (int bitLength, int certainty, Random rnd)

Static Methods

BigInteger probablePrime (int bitLength, Random rnd)
BigInteger valueOf (long val)
Accessors + Collectors
int getLowestSetBit ()
boolean isProbablePrime (int certainty)
BigInteger setBit (int n)
BigInteger add (BigInteger val)
Object
boolean equals (Object x)
int hashCode ()
String toString ()

Other Public Methods

BigInteger abs ()
BigInteger and (BigInteger val)
BigInteger andNot (BigInteger val)
int bitCount ()
int bitLength ()
BigInteger clearBit (int n)
int compareTo (BigInteger val)
int compareTo (Object o)
BigInteger divide (BigInteger val)
BigInteger divideAndRemainder (BigInteger val)
BigInteger flipBit (int n)
BigInteger gcd (BigInteger val)
BigInteger max (BigInteger val)
BigInteger min (BigInteger val)
BigInteger mod (BigInteger m)
BigInteger modInverse (BigInteger m)
BigInteger modPow (BigInteger exponent, BigInteger m)
BigInteger multiply (BigInteger val)
BigInteger negate ()
BigInteger not ()
BigInteger or (BigInteger val)
BigInteger pow (int exponent)
BigInteger remainder (BigInteger val)
BigInteger shiftLeft (int n)
BigInteger shiftRight (int n)
int signum ()
BigInteger subtract (BigInteger val)
boolean testBit (int n)
byte[] toByteArray ()
String toString (int radix)
BigInteger xor (BigInteger val)

BigInteger ZERO, ONE