

Table of Java Classes (*interfaces in italics*)

ArrayList<T>

ArrayList()
ArrayList(Collection<T>)
int size()
T set(int, T)
T get(int)
boolean add(T)
String toString()
void add(int, T)
T remove(int)
boolean remove(Object)
boolean contains(Object)
int indexOf(Object)
void clear()
boolean isEmpty()
boolean addAll(Collection<T>)
boolean retainAll(Collection<?>)
boolean removeAll(Collection<?>)
boolean containsAll(Collection<?>)

Boolean

Boolean(boolean)
boolean booleanValue()

Calendar

static int DAY
static int MONTH
static int YEAR

Character

Character(char)
char charValue()
static boolean isDigit(char)
static boolean isLetter(char)
static boolean isLetterOrDigit(char)
static boolean isLowerCase(char)
static boolean isUpperCase(char)
static boolean isWhitespace(char)
static char toLowerCase(char)
static char toUpperCase(char)

Collections

static void sort(List<T>)
static int binarySearch(List<T>, T)
static void shuffle(List<?>)

Comparable<T>

int compareTo(T)

Console

static int readInt()
static boolean readBoolean()
static double readDouble()
static char readChar()
static String readString()
static void skipLine()
static String readToken()
static boolean eofOfFile()
static int available()
static boolean hasMoreTokens()

static void skipWhitespace()
static char peekChar()

DataInputStream

DataInputStream(FileInputStream)
int readInt() throws IOException
long readLong() throws IOException
boolean readBoolean() throws IOException
char readChar() throws IOException
double readDouble() throws IOException
float readFloat() throws IOException
String readUTF() throws IOException
int read(byte[]) throws IOException
int available() throws IOException
void close() throws IOException

DataOutputStream

DataOutputStream(FileOutputStream)
void writeBoolean(boolean) throws
IOException
void writeInt(int) throws IOException
void writeLong(long) throws IOException
void writeDouble(double) throws IOException
void writeFloat(float) throws IOException
void writeChars(String) throws IOException
void writeUTF(String) throws IOException
void writeChar(int) throws IOException
void write(byte[], int, int) throws IOException
void close() throws IOException
void flush() throws IOException
int size()

Double

Double(double)
double doubleValue();
static double parseDouble(String)
static String toString(double)

Exception

void printStackTrace()

File

File(String)
boolean exists()
boolean isFile()
boolean canRead()
boolean canWrite()
long length()
boolean delete()
boolean renameTo(File)

FileInputStream

FileInputStream(String) throws
FileNotFoundException

FileOutputStream

FileOutputStream(String) throws IOException
FileOutputStream(String, boolean) throws
IOException

FileReader

FileReader(String) throws
FileNotFoundException

FileWriter

FileWriter(String) throws IOException
FileWriter(String, Boolean) throws
IOException

Float

Float(float)
float floatValue();
static float parseFloat(String)
static String toString(float)

GregorianCalendar

GregorianCalendar()
int get(int)

HashMap<T,U>

HashMap()
HashMap(Map<T,U>)
void clear()
U put(T key, U value)
U get(Object key)
U remove(Object key)
boolean containsKey(Object key)
int size()
boolean isEmpty()
Set<T> keySet()
String toString()

HashSet<T>

HashSet()
HashSet(Collection<T>)
boolean add(T)
boolean remove(T)
boolean contains(T)
int size()
void clear()
boolean isEmpty()
boolean addAll(Collection<T>)
boolean retainAll(Collection<?>)
boolean removeAll(Collection<?>)
boolean containsAll(Collection<?>)

Integer

Integer(int)
int intValue()
static int parseInt(String)
static String toString(int)

LinkedList<T>

LinkedList()
LinkedList(Collection<T>)
void addFirst(T)
T getFirst()
T getLast()
T removeFirst()
other methods as ArrayList<T>

Long

Long(long)
long longValue()
static long parseLong(String)
static String toString(long)

Math

static double random()
static double abs(double)
static int abs(int) *et cetera*
static double ceil(double)
static double floor(double)
static int max(int, int) etc.
static int min(int, int) etc.
static double rint(double)
static long round(double)
static int round(float)
static double sqrt(double)

Object

boolean equals(Object)
String toString()

PrintWriter

PrintWriter(String)
PrintWriter(FileWriter)
PrintWriter(FileWriter, boolean)
void print(String)
void println(String)
void println()
PrintWriter printf(String, Object...)
void close()
void flush()

RandomAccessFile

RandomAccessFile(String, String) throws
IOException
long length() throws IOException
void seek(long) throws IOException
int readInt() throws IOException
long readLong() throws IOException
boolean readBoolean() throws IOException
char readChar() throws IOException
double readDouble() throws IOException
float readFloat() throws IOException
String readUTF() throws IOException
void writeBoolean(boolean) throws
IOException
void writeInt(int) throws IOException
void writeLong(long) throws IOException
void writeDouble(double) throws IOException
void writeFloat(float) throws IOException
void writeChars(String) throws IOException
void writeUTF(String) throws IOException
void writeChar(int) throws IOException
void close() throws IOException

Scanner

Scanner(File) throws FileNotFoundException
Scanner(String)
String nextLine()
String next()

int nextInt()
long nextLong()
double nextDouble()
boolean nextBoolean()
boolean hasNextLine()
boolean hasNext()
boolean hasNextInt()
boolean hasNextLong()
boolean hasNextDouble()
boolean hasNextBoolean()
void close()

String

int length()
boolean startsWith(String)
boolean startsWith(String)
boolean endsWith(String)
int indexOf(String)
String substring(int, int)
String substring(int)
char charAt(int)
String toUpperCase()
String toLowerCase()
String trim()
static String valueOf(int)

static String valueOf(long)
static String valueOf(double)
static String valueOf(float)
static String valueOf(boolean)
static String valueOf(char)
static String valueOf(char[], int, int)
static String valueOf(char[])
boolean equalsIgnoreCase(String)
void getChars(int, int, char[], int)

System

static long currentTimeMillis()
static long nanoTime()
static void exit(int)

TreeSet<T>

TreeSet()
TreeSet(Collection<T>)
methods as HashSet<T>

TreeMap<T,U>

TreeMap()
TreeMap(Map<T,U>)
methods as HashMap<T