The **java.util.Arrays** class contains a static factory that allows arrays to be viewed as lists

public class Arrays extends Object

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| **Sr.No.** | **Method & Description** |
| 1 | [static <T> List<T> asList(T... a)](https://www.tutorialspoint.com/java/util/arrays_aslist.htm)  This method returns a fixed-size list backed by the specified array. |
| 2 | [static int binarySearch(byte[] a, byte key)](https://www.tutorialspoint.com/java/util/arrays_binarysearch_byte.htm)  This method searches the specified array of bytes for the specified value using the binary  search algorithm. |
| 3 | [static int binarySearch(byte[] a, int fromIndex, int toIndex, byte key)](https://www.tutorialspoint.com/java/util/arrays_binarysearch_byte_index.htm)  This method searches a range of the specified array of bytes for the specified value using the  binary search algorithm. |
| 4 | [static int binarySearch(char[] a, char key)](https://www.tutorialspoint.com/java/util/arrays_binarysearch_char.htm)  This method searches the specified array of chars for the specified value using the  binary search algorithm. |
| 5 | [static int binarySearch(char[] a, int fromIndex, int toIndex, char key)](https://www.tutorialspoint.com/java/util/arrays_binarysearch_char_index.htm)  This method searches a range of the specified array of chars for the specified value using the  binary search algorithm. |
| 6 | [static int binarySearch(double[] a, double key)](https://www.tutorialspoint.com/java/util/arrays_binarysearch_double.htm)  This method searches the specified array of doubles for the specified value using the  binary search algorithm. |
| 7 | [static int binarySearch(double[] a, int fromIndex, int toIndex, double key)](https://www.tutorialspoint.com/java/util/arrays_binarysearch_double_index.htm)  This method searches a range of the specified array of doubles for the specified value using the  binary search algorithm. |
| 8 | [static int binarySearch(float[] a, float key)](https://www.tutorialspoint.com/java/util/arrays_binarysearch_float.htm)  This method searches the specified array of floats for the specified value using the  binary search algorithm. |
| 9 | [static int binarySearch(float[] a, int fromIndex, int toIndex, float key)](https://www.tutorialspoint.com/java/util/arrays_binarysearch_float_index.htm)  This method searches a range of the specified array of floats for the specified value using the  binary search algorithm. |
| 10 | [static int binarySearch(int[] a, int key)](https://www.tutorialspoint.com/java/util/arrays_binarysearch_int.htm)  This method searches the specified array of ints for the specified value using the binary  search algorithm. |
| 11 | [static int binarySearch(int[] a, int fromIndex, int toIndex, int key)](https://www.tutorialspoint.com/java/util/arrays_binarysearch_int_index.htm)  This method searches a range of the specified array of ints for the specified value using the binary  search algorithm. |
| 12 | [static int binarySearch(long[] a, int fromIndex, int toIndex, long key)](https://www.tutorialspoint.com/java/util/arrays_binarysearch_long.htm)  This method searches a range of the specified array of longs for the specified value using the  binary search algorithm. |
| 13 | [static int binarySearch(long[] a, long key)](https://www.tutorialspoint.com/java/util/arrays_binarysearch_long_index.htm)  This method searches the specified array of longs for the specified value using the binary  search algorithm. |
| 14 | [static int binarySearch(Object[] a, int fromIndex, int toIndex, Object key)](https://www.tutorialspoint.com/java/util/arrays_binarysearch_object_index.htm)  This method searches a range of the specified array for the specified object using the binary  search algorithm. |
| 15 | [static int binarySearch(Object[] a, Object key)](https://www.tutorialspoint.com/java/util/arrays_binarysearch_object.htm)  This method searches the specified array for the specified object using the binary search algorithm. |
| 16 | [static int binarySearch(short[] a, int fromIndex, int toIndex, short key)](https://www.tutorialspoint.com/java/util/arrays_binarysearch_short_index.htm)  This method searches a range of the specified array of shorts for the specified value using the  binary search algorithm. |
| 17 | [static int binarySearch(short[] a, short key)](https://www.tutorialspoint.com/java/util/arrays_binarysearch_short.htm)  This method searches the specified array of shorts for the specified value using the binary  search algorithm. |
| 18 | [static <T> int binarySearch(T[] a, int fromIndex, int toIndex, T key, Comparator<? super T> c)](https://www.tutorialspoint.com/java/util/arrays_binarysearch_super_index.htm)  This method searches a range of the specified array for the specified object using the binary  search algorithm. |
| 19 | [static <T> int binarySearch(T[] a, T key, Comparator<? super T> c)](https://www.tutorialspoint.com/java/util/arrays_binarysearch_super.htm)  This method searches the specified array for the specified object using the binary search algorithm. |
| 20 | [static boolean[] copyOf(boolean[] original, int newLength)](https://www.tutorialspoint.com/java/util/arrays_copyof_boolean.htm)  This method copies the specified array, truncating or padding with false (if necessary) so  the copy has the specified length. |
| 21 | [static byte[] copyOf(byte[] original, int newLength)](https://www.tutorialspoint.com/java/util/arrays_copyof_byte.htm)  This method copies the specified array, truncating or padding with zeros (if necessary) so the  copy has the specified length. |
| 22 | [static char[] copyOf(char[] original, int newLength)](https://www.tutorialspoint.com/java/util/arrays_copyof_char.htm)  This method copies the specified array, truncating or padding with null characters (if necessary)  so the copy has the specified length. |
| 23 | [static double[] copyOf(double[] original, int newLength)](https://www.tutorialspoint.com/java/util/arrays_copyof_double.htm)  This method copies the specified array, truncating or padding with zeros (if necessary) so  the copy has the specified length. |
| 24 | [static float[] copyOf(float[] original, int newLength)](https://www.tutorialspoint.com/java/util/arrays_copyof_float.htm)  This method copies the specified array, truncating or padding with zeros (if necessary) so the  copy has the specified length. |
| 25 | [static int[] copyOf(int[] original, int newLength)](https://www.tutorialspoint.com/java/util/arrays_copyof_int.htm)  This method copies the specified array, truncating or padding with zeros (if necessary) so the  copy has the specified length. |
| 26 | [static long[] copyOf(long[] original, int newLength)](https://www.tutorialspoint.com/java/util/arrays_copyof_long.htm)  This method copies the specified array, truncating or padding with zeros (if necessary) so the  copy has the specified length. |
| 27 | [static short[] copyOf(short[] original, int newLength)](https://www.tutorialspoint.com/java/util/arrays_copyof_short.htm)  This method copies the specified array, truncating or padding with zeros (if necessary) so the  copy has the specified length. |
| 28 | [static <T> T[] copyOf(T[] original, int newLength)](https://www.tutorialspoint.com/java/util/arrays_copyof_t.htm)  This method copies the specified array, truncating or padding with nulls (if necessary) so the  copy has the specified length. |
| 29 | [static <T,U> T[] copyOf(U[] original, int newLength, Class<? extends T[]> newType)](https://www.tutorialspoint.com/java/util/arrays_copyof_u.htm)  This method copies the specified array, truncating or padding with nulls (if necessary) so the  copy has the specified length. |
| 30 | [static boolean[] copyOfRange(boolean[] original, int from, int to)](https://www.tutorialspoint.com/java/util/arrays_copyofrange_boolean.htm)  This method copies the specified range of the specified array into a new array. |
| 31 | [static byte[] copyOfRange(byte[] original, int from, int to)](https://www.tutorialspoint.com/java/util/arrays_copyofrange_byte.htm)  This method copies the specified range of the specified array into a new array. |
| 32 | [static char[] copyOfRange(char[] original, int from, int to)](https://www.tutorialspoint.com/java/util/arrays_copyofrange_char.htm)  This method copies the specified range of the specified array into a new array. |
| 33 | [static double[] copyOfRange(double[] original, int from, int to)](https://www.tutorialspoint.com/java/util/arrays_copyofrange_double.htm)  This method copies the specified range of the specified array into a new array. |
| 34 | [static float[] copyOfRange(float[] original, int from, int to)](https://www.tutorialspoint.com/java/util/arrays_copyofrange_float.htm)  This method copies the specified range of the specified array into a new array. |
| 35 | [static int[] copyOfRange(int[] original, int from, int to)](https://www.tutorialspoint.com/java/util/arrays_copyofrange_int.htm)  This method copies the specified range of the specified array into a new array. |
| 36 | [static long[] copyOfRange(long[] original, int from, int to)](https://www.tutorialspoint.com/java/util/arrays_copyofrange_long.htm)  This method copies the specified range of the specified array into a new array. |
| 37 | [static short[] copyOfRange(short[] original, int from, int to)](https://www.tutorialspoint.com/java/util/arrays_copyofrange_short.htm)  This method copies the specified range of the specified array into a new array. |
| 38 | [static <T> T[] copyOfRange(T[] original, int from, int to)](https://www.tutorialspoint.com/java/util/arrays_copyofrange_t.htm)  This method copies the specified range of the specified array into a new array. |
| 39 | [static <T,U> T[] copyOfRange(U[] original, int from, int to, Class<? extends T[]> newType)](https://www.tutorialspoint.com/java/util/arrays_copyofrange_u.htm)  This method copies the specified range of the specified array into a new array. |
| 40 | [static boolean deepEquals(Object[] a1, Object[] a2)](https://www.tutorialspoint.com/java/util/arrays_deepequals.htm)  This method returns true if the two specified arrays are deeply equal to one another. |
| 41 | [static int deepHashCode(Object[] a)](https://www.tutorialspoint.com/java/util/arrays_deephashcode.htm)  This method returns a hash code based on the "deep contents" of the specified array. |
| 42 | [static String deepToString(Object[] a)](https://www.tutorialspoint.com/java/util/arrays_deeptostring.htm)  This method returns a string representation of the "deep contents" of the specified array. |
| 43 | [static boolean equals(boolean[] a, boolean[] a2)](https://www.tutorialspoint.com/java/util/arrays_equals_boolean.htm)  This method returns true if the two specified arrays of booleans are equal to one another. |
| 44 | [static boolean equals(byte[] a, byte[] a2)](https://www.tutorialspoint.com/java/util/arrays_equals_byte.htm)  This method returns true if the two specified arrays of bytes are equal to one another. |
| 45 | [static boolean equals(char[] a, char[] a2)](https://www.tutorialspoint.com/java/util/arrays_equals_char.htm)  This method returns true if the two specified arrays of chars are equal to one another. |
| 46 | [static boolean equals(double[] a, double[] a2)](https://www.tutorialspoint.com/java/util/arrays_equals_double.htm)  This method returns true if the two specified arrays of doubles are equal to one another. |
| 47 | [static boolean equals(float[] a, float[] a2)](https://www.tutorialspoint.com/java/util/arrays_equals_float.htm)  This method returns true if the two specified arrays of floats are equal to one another. |
| 48 | [static boolean equals(int[] a, int[] a2)](https://www.tutorialspoint.com/java/util/arrays_equals_int.htm)  This method returns true if the two specified arrays of ints are equal to one another. |
| 49 | [static boolean equals(long[] a, long[] a2)](https://www.tutorialspoint.com/java/util/arrays_equals_long.htm)  This method returns true if the two specified arrays of longs are equal to one another. |
| 50 | [static boolean equals(Object[] a, Object[] a2)](https://www.tutorialspoint.com/java/util/arrays_equals_object.htm)  This method returns true if the two specified arrays of Objects are equal to one another. |
| 51 | [static boolean equals(short[] a, short[] a2)](https://www.tutorialspoint.com/java/util/arrays_equals_short.htm)  This method returns true if the two specified arrays of shorts are equal to one another. |
| 52 | [static void fill(boolean[] a, boolean val)](https://www.tutorialspoint.com/java/util/arrays_fill_boolean.htm)  This method assigns the specified boolean value to each element of the specified array of booleans. |
| 53 | [static void fill(boolean[] a, int fromIndex, int toIndex, boolean val)](https://www.tutorialspoint.com/java/util/arrays_fill_boolean_index.htm)  This method assigns the specified boolean value to each element of the specified range of  the specified array of booleans. |
| 54 | [static void fill(byte[] a, byte val)](https://www.tutorialspoint.com/java/util/arrays_fill_byte.htm)  This method assigns the specified byte value to each element of the specified array of bytes. |
| 55 | [static void fill(byte[] a, int fromIndex, int toIndex, byte val)](https://www.tutorialspoint.com/java/util/arrays_fill_byte_index.htm)  This method assigns the specified byte value to each element of the specified range of the  specified array of bytes. |
| 56 | [static void fill(char[] a, char val)](https://www.tutorialspoint.com/java/util/arrays_fill_char.htm)  This method assigns the specified char value to each element of the specified array of chars. |
| 57 | [static void fill(char[] a, int fromIndex, int toIndex, char val)](https://www.tutorialspoint.com/java/util/arrays_fill_char_index.htm)  This method assigns the specified char value to each element of the specified range of the  specified array of chars. |
| 58 | [static void fill(double[] a, double val)](https://www.tutorialspoint.com/java/util/arrays_fill_double.htm)  This method assigns the specified double value to each element of the specified array of doubles. |
| 59 | [static void fill(double[] a, int fromIndex, int toIndex, double val)](https://www.tutorialspoint.com/java/util/arrays_fill_double_index.htm)  This method assigns the specified double value to each element of the specified range of the  specified array of doubles. |
| 60 | [static void fill(float[] a, float val)](https://www.tutorialspoint.com/java/util/arrays_fill_float.htm)  This method assigns the specified float value to each element of the specified array of floats. |
| 61 | [static void fill(float[] a, int fromIndex, int toIndex, float val)](https://www.tutorialspoint.com/java/util/arrays_fill_float_index.htm)  This method assigns the specified float value to each element of the specified range of the  specified array of floats. |
| 62 | [static void fill(int[] a, int val)](https://www.tutorialspoint.com/java/util/arrays_fill_int.htm)  This method assigns the specified int value to each element of the specified array of ints. |
| 63 | [static void fill(int[] a, int fromIndex, int toIndex, int val)](https://www.tutorialspoint.com/java/util/arrays_fill_int_index.htm)  This method assigns the specified int value to each element of the specified range of the  specified array of ints. |
| 64 | [static void fill(long[] a, int fromIndex, int toIndex, long val)](https://www.tutorialspoint.com/java/util/arrays_fill_long_index.htm)  This method assigns the specified long value to each element of the specified range of the  specified array of longs. |
| 65 | [static void fill(long[] a, long val)](https://www.tutorialspoint.com/java/util/arrays_fill_long.htm)  This method assigns the specified long value to each element of the specified array of longs. |
| 66 | [static void fill(Object[] a, int fromIndex, int toIndex, Object val)](https://www.tutorialspoint.com/java/util/arrays_fill_object_index.htm)  This method assigns the specified Object reference to each element of the specified range of the  specified array of Objects. |
| 67 | [static void fill(Object[] a, Object val)](https://www.tutorialspoint.com/java/util/arrays_fill_object.htm)  This method assigns the specified Object reference to each element of the specified array of Objects. |
| 68 | [static void fill(short[] a, int fromIndex, int toIndex, short val)](https://www.tutorialspoint.com/java/util/arrays_fill_short_index.htm)  This method assigns the specified short value to each element of the specified range  of the specified array of shorts. |
| 69 | [static void fill(short[] a, short val)](https://www.tutorialspoint.com/java/util/arrays_fill_short.htm)  This method assigns the specified short value to each element of the specified array of shorts. |
| 70 | [static int hashCode(boolean[] a)](https://www.tutorialspoint.com/java/util/arrays_hashcode_boolean.htm)  This method returns a hash code based on the contents of the specified array. |
| 71 | [static int hashCode(byte[] a)](https://www.tutorialspoint.com/java/util/arrays_hashcode_byte.htm)  This method returns a hash code based on the contents of the specified array. |
| 72 | [static int hashCode(char[] a)](https://www.tutorialspoint.com/java/util/arrays_hashcode_char.htm)  This method returns a hash code based on the contents of the specified array. |
| 73 | [static int hashCode(double[] a)](https://www.tutorialspoint.com/java/util/arrays_hashcode_double.htm)  This method returns a hash code based on the contents of the specified array. |
| 74 | [static int hashCode(float[] a)](https://www.tutorialspoint.com/java/util/arrays_hashcode_float.htm)  This method returns a hash code based on the contents of the specified array. |
| 75 | [static int hashCode(int[] a)](https://www.tutorialspoint.com/java/util/arrays_hashcode_int.htm)  This method returns a hash code based on the contents of the specified array. |
| 76 | [static int hashCode(long[] a)](https://www.tutorialspoint.com/java/util/arrays_hashcode_long.htm)  This method returns a hash code based on the contents of the specified array. |
| 77 | [static int hashCode(Object[] a)](https://www.tutorialspoint.com/java/util/arrays_hashcode_object.htm)  This method returns a hash code based on the contents of the specified array. |
| 78 | [static int hashCode(short[] a)](https://www.tutorialspoint.com/java/util/arrays_hashcode_short.htm)  This method returns a hash code based on the contents of the specified array. |
| 79 | [static void sort(byte[] a)](https://www.tutorialspoint.com/java/util/arrays_sort_byte.htm)  This method sorts the specified array of bytes into ascending numerical order. |
| 80 | [static void sort(byte[] a, int fromIndex, int toIndex)](https://www.tutorialspoint.com/java/util/arrays_sort_byte_index.htm)  This method sorts the specified range of the specified array of bytes into ascending numerical order. |
| 81 | [static void sort(char[] a)](https://www.tutorialspoint.com/java/util/arrays_sort_char.htm)  This method sorts the specified array of chars into ascending numerical order. |
| 82 | [static void sort(char[] a, int fromIndex, int toIndex)](https://www.tutorialspoint.com/java/util/arrays_sort_char_index.htm)  This method sorts the specified range of the specified array of chars into ascending numerical order. |
| 83 | [static void sort(double[] a)](https://www.tutorialspoint.com/java/util/arrays_sort_double.htm)  This method sorts the specified array of doubles into ascending numerical order. |
| 84 | [static void sort(double[] a, int fromIndex, int toIndex)](https://www.tutorialspoint.com/java/util/arrays_sort_double_index.htm)  This method sorts the specified range of the specified array of doubles into ascending numerical order. |
| 85 | [static void sort(float[] a)](https://www.tutorialspoint.com/java/util/arrays_sort_float.htm)  This method sorts the specified array of floats into ascending numerical order. |
| 86 | [static void sort(float[] a, int fromIndex, int toIndex)](https://www.tutorialspoint.com/java/util/arrays_sort_float_index.htm)  This method sorts the specified range of the specified array of floats into ascending numerical order. |
| 87 | [static void sort(int[] a)](https://www.tutorialspoint.com/java/util/arrays_sort_int.htm)  This method sorts the specified array of ints into ascending numerical order. |
| 88 | [static void sort(int[] a, int fromIndex, int toIndex)](https://www.tutorialspoint.com/java/util/arrays_sort_int_index.htm)  This method sorts the specified range of the specified array of ints into ascending numerical order. |
| 89 | [static void sort(long[] a)](https://www.tutorialspoint.com/java/util/arrays_sort_long.htm)  This method sorts the specified array of longs into ascending numerical order. |
| 90 | [static void sort(long[] a, int fromIndex, int toIndex)](https://www.tutorialspoint.com/java/util/arrays_sort_long_index.htm)  This method sorts the specified range of the specified array of longs into ascending numerical order. |
| 91 | [static void sort(Object[] a)](https://www.tutorialspoint.com/java/util/arrays_sort_object.htm)  This method sorts the specified array of objects into ascending order, according to the natural  ordering of its elements. |
| 92 | [static void sort(Object[] a, int fromIndex, int toIndex)](https://www.tutorialspoint.com/java/util/arrays_sort_object_index.htm)  This method sorts the specified range of the specified array of objects into ascending order,  according to the natural ordering of its elements. |
| 93 | [static void sort(short[] a)](https://www.tutorialspoint.com/java/util/arrays_sort_short.htm)  This method sorts the specified array of shorts into ascending numerical order. |
| 94 | [static void sort(short[] a, int fromIndex, int toIndex)](https://www.tutorialspoint.com/java/util/arrays_sort_short_index.htm)  This method sorts the specified range of the specified array of shorts into ascending numerical order. |
| 95 | [static <T> void sort(T[] a, Comparator<? super T> c)](https://www.tutorialspoint.com/java/util/arrays_sort_super.htm)  This method sorts the specified array of objects according to the order induced by  the specified comparator. |
| 96 | [static <T> void sort(T[] a, int fromIndex, int toIndex, Comparator<? super T> c)](https://www.tutorialspoint.com/java/util/arrays_sort_super_index.htm)  This method sorts the specified range of the specified array of objects according to the order  induced by the specified comparator. |
| 97 | [static String toString(boolean[] a)](https://www.tutorialspoint.com/java/util/arrays_tostring_boolean.htm)  This method returns a string representation of the contents of the specified array of boolean. |
| 98 | [static String toString(byte[] a)](https://www.tutorialspoint.com/java/util/arrays_tostring_byte.htm)  This method returns a string representation of the contents of the specified array of bytes. |
| 99 | [static String toString(char[] a)](https://www.tutorialspoint.com/java/util/arrays_tostring_char.htm)  This method returns a string representation of the contents of the specified array of chars. |
| 100 | [static String toString(double[] a)](https://www.tutorialspoint.com/java/util/arrays_tostring_double.htm)  This method returns a string representation of the contents of the specified array of doubles. |
| 101 | [static String toString(float[] a)](https://www.tutorialspoint.com/java/util/arrays_tostring_float.htm)  This method returns a string representation of the contents of the specified array of floats. |
| 102 | [static String toString(int[] a)](https://www.tutorialspoint.com/java/util/arrays_tostring_int.htm)  This method returns a string representation of the contents of the specified array of ints. |
| 103 | [static String toString(long[] a)](https://www.tutorialspoint.com/java/util/arrays_tostring_long.htm)  This method returns a string representation of the contents of the specified array of longs. |
| 104 | [static String toString(Object[] a)](https://www.tutorialspoint.com/java/util/arrays_tostring_object.htm)  This method returns a string representation of the contents of the specified array of ints. |
| 105 | [static String toString(short[] a)](https://www.tutorialspoint.com/java/util/arrays_tostring_short.htm)  This method returns a string representation of the contents of the specified array of shorts. |