<https://beginnersbook.com/2015/05/java-int-to-string/>

Conversion

ArrayList of ArrayList to Single ArrayList

ArrayList to HashSet

ArrayList to int Array

ArrayList to LinkedHashSet

ArrayList to LinkedList

ArrayList to Object Array

ArrayList to String

ArrayList to String Array

binary to int

boolean to String

Character Array to String

Character to char

char Array to String

char to Character

char to int

char to String

Date to String

Date to Timestamp

double to int

double to String

float to String

HashMap to Json

Hex to int

int Array to Integer Array

int Array to Integer ArrayList

int Array to String

Integer ArrayList to String

Integer to int

int to binary

int to char

int to double

int to Hex

int to int Array

int to Integer

int to long

int to octal

int to String

long to int

long to String

Object Array to Integer Array

Object to String

octal to int

Set to ArrayList

String Array to ArrayList

String to ArrayList

String to boolean

String to char

String to char Array

String to Date

String to double

String to float

String to HashSet

String to int

String to int Array

String to LinkedHashSet

String to long

String to Object

String to TreeSet

Timestamp to Date

**ArrayList of ArrayList to Single ArrayList**

**package** com.conversion;

**import** java.util.ArrayList;

**import** java.util.List;

**public** **class** ArrayListOfArrayListToArrayList {

**public** **static** **void** main(String[] args) {

List<List<String>> superList = **new** ArrayList<>();

List<String> metroList = **new** ArrayList<>();

metroList.add("Chennai");

metroList.add("Delhi");

metroList.add("Mumbai");

metroList.add("Kolkata");

List<String> bigCityList = **new** ArrayList<>();

bigCityList.add("Bangalore");

bigCityList.add("Hyderabad");

bigCityList.add("Pune");

List<String> mediumCityList = **new** ArrayList<>();

mediumCityList.add("Indore");

mediumCityList.add("Vizag");

mediumCityList.add("Ahemadabad");

List<String> smallCityList = **new** ArrayList<>();

smallCityList.add("Khandwa");

smallCityList.add("Khargone");

superList.add(metroList);

superList.add(bigCityList);

superList.add(mediumCityList);

superList.add(smallCityList);

List<String> allCitiesList = **new** ArrayList<>();

superList.forEach(city -> allCitiesList.addAll(city));

metroList.forEach(System.***out***::println);

System.***out***.println();

bigCityList.forEach(System.***out***::println);

System.***out***.println();

mediumCityList.forEach(System.***out***::println);

System.***out***.println();

smallCityList.forEach(System.***out***::println);

System.***out***.println();

allCitiesList.forEach(System.***out***::println);

}

}

**ArrayList to HashSet**

**package** com.conversion;

**import** java.util.ArrayList;

**import** java.util.HashSet;

**import** java.util.List;

**import** java.util.Set;

**public** **class** ArrayListToHashSet {

**public** **static** **void** main(String[] args) {

List<String> list = **new** ArrayList<>();

list.add("A");

list.add("B");

list.add("B");

list.add("A");

list.add("B");

list.add("C");

list.add("C");

System.***out***.println("list object list :");

System.***out***.println(list);

Set<String> set = **new** HashSet<>(list);

System.***out***.println("set object set :");

System.***out***.println(set);

}

}

**ArrayList to int Array**

**package** com.conversion;

**import** java.util.ArrayList;

**import** java.util.Arrays;

**import** java.util.List;

**public** **class** ArrayListTointArray {

**public** **static** **void** main(String[] args) {

List<Integer> Integerlist = **new** ArrayList<>();

**for** (**int** i = 0; i < 10; i++) {

Integerlist.add(i);

}

**int** n = Integerlist.size();

**int**[] intArr = **new** **int**[n];

**for** (**int** i = 0; i < n; i++) {

intArr[i] = Integerlist.get(i);

}

System.***out***.println("Integer object IntegerList :");

System.***out***.println(Integerlist);

System.***out***.println(Integerlist.toString() **instanceof** String);

System.***out***.println("String primitive intArr :");

System.***out***.println(Arrays.*toString*(intArr));

System.***out***.println(Arrays.*toString*(intArr) **instanceof** String);

}

}

**ArrayList to LinkedHashSet**

**package** com.conversion;

**import** java.util.ArrayList;

**import** java.util.LinkedHashSet;

**import** java.util.List;

**import** java.util.Set;

**public** **class** ArrayListToLinkedHashSet {

**public** **static** **void** main(String[] args) {

List<String> list = **new** ArrayList<>();

list.add("A");

list.add("B");

list.add("B");

list.add("A");

list.add("B");

list.add("C");

list.add("C");

System.***out***.println("list object list :");

System.***out***.println(list);

Set<String> set = **new** LinkedHashSet<>(list);

System.***out***.println("set object set :");

System.***out***.println(set);

}

}

**ArrayList to LinkedList**

**package** com.conversion;

**import** java.util.ArrayList;

**import** java.util.LinkedList;

**import** java.util.List;

**public** **class** ArrayListToLinkedList {

**public** **static** **void** main(String[] args) {

List<String> list = **new** ArrayList<>();

list.add("A");

list.add("B");

list.add("B");

list.add("A");

list.add("B");

list.add("C");

list.add("C");

List<String> linkedlist = **new** LinkedList<>(list);

System.***out***.println("list object list :");

System.***out***.println(list);

System.***out***.println("linkedlist object linkedlist :");

System.***out***.println(linkedlist);

}

}

**ArrayList to Object Array**

**package** com.conversion;

**import** java.util.ArrayList;

**import** java.util.Arrays;

**import** java.util.List;

**public** **class** ArrayListToObjectArray {

**public** **static** **void** main(String[] args) {

List<Integer> list = **new** ArrayList<>();

**for** (**int** i = 0; i < 10; i++) {

list.add(i);

}

list.forEach(System.***out***::println);

Object[] objectArr = list.toArray();

System.***out***.println(Arrays.*toString*(objectArr));

}

}

**ArrayList to String**

**package** com.conversion;

**import** java.util.ArrayList;

**import** java.util.List;

**public** **class** ArrayListToString {

**public** **static** **void** main(String[] args) {

List<String> list = **new** ArrayList<>();

list.add("A");

list.add("B");

list.add("C");

System.***out***.println(list);

System.***out***.println(String.*valueOf*(list));

System.***out***.println(String.*valueOf*(list) **instanceof** String);

}

}

**ArrayList to String Array**

**package** com.conversion;

**import** java.util.ArrayList;

**import** java.util.Arrays;

**import** java.util.List;

**public** **class** ArrayListToStringArray {

**public** **static** **void** main(String[] args) {

List<String> list = **new** ArrayList<>();

list.add("A");

list.add("B");

list.add("C");

String[] strArr = list.toArray(**new** String[0]);

System.***out***.println(Arrays.*toString*(strArr));

}

}

**binary to int**

**package** com.conversion;

**public** **class** binaryToint {

**public** **static** **void** main(String[] args) {

String binaryVal1 = "1000";

System.***out***.println("binary primitive binaryVal1:");

System.***out***.println(binaryVal1);

**int** intVal1 = Integer.*parseInt*(binaryVal1, 2);

System.***out***.println("int primitive intVal1:");

System.***out***.println(intVal1);

}

}

**boolean to String**

**package** com.conversion;

**public** **class** booleanToString {

**public** **static** **void** main(String[] args) {

**boolean** booleanVal1 = **true**;

**boolean** booleanVal2 = **false**;

System.***out***.println("boolean primitive booleanVal1 :");

System.***out***.println(booleanVal1);

String strVal1 = String.*valueOf*(booleanVal1);

System.***out***.println("String object strVal1");

System.***out***.println(strVal1);

System.***out***.println("\nboolean primitive booleanVal2 :");

System.***out***.println(booleanVal2);

String strVal2 = String.*valueOf*(booleanVal2);

System.***out***.println("String object strVal2");

System.***out***.println(strVal2);

}

}

**Character Array to String**

**package** com.conversion;

**import** java.util.Arrays;

**public** **class** CharacterArrayToString {

**public** **static** **void** main(String[] args) {

Character[] characterArr = { 'H', 'e', 'l', 'l', 'o' };

**int** n = characterArr.length;

**char**[] charArr = **new** **char**[n];

**for** (**int** i = 0; i < n; i++) {

charArr[i]=characterArr[i];

}

System.***out***.println("char Array primitive charArr : ");

System.***out***.println(Arrays.*toString*(charArr));

System.***out***.println("1. Using new String(charArr)");

String str1 = **new** String(charArr);

System.***out***.println(str1);

System.***out***.println("char Array primitive charArr : ");

System.***out***.println(Arrays.*toString*(charArr));

System.***out***.println("2. Using String.valueOf(charArr)");

String str2 = String.*valueOf*(charArr);

System.***out***.println(str2);

}

}

**Character to char**

**package** com.conversion;

**public** **class** CharacterTochar {

**public** **static** **void** main(String[] args) {

**char** charChar = 'a';

System.***out***.println("\n1. Using Character charObj = new Character(char) and charObj");

System.***out***.println("char primitive charChar : ");

System.***out***.println(charChar);

Character characterObj1 = **new** Character(charChar);

System.***out***.println("Character object characterObj : ");

System.***out***.println(characterObj1);

System.***out***.println("\n2. Using Character charObj = new Character(char) and charObj.charValue()");

System.***out***.println("char primitive charChar : ");

System.***out***.println(charChar);

Character characterObj2 = **new** Character(charChar);

System.***out***.println("Character object characterObj : ");

System.***out***.println(characterObj2.charValue());

}

}

**char Array to String**

**package** com.conversion;

**import** java.util.Arrays;

**public** **class** charArrayToString {

**public** **static** **void** main(String[] args) {

**char**[] charArr = { 'H', 'e', 'l', 'l', 'o' };

System.***out***.println("char Array primitive charArr : ");

System.***out***.println(Arrays.*toString*(charArr));

System.***out***.println("1. Using new String(charArr)");

String str1 = **new** String(charArr);

System.***out***.println(str1);

System.***out***.println("char Array primitive charArr : ");

System.***out***.println(Arrays.*toString*(charArr));

System.***out***.println("2. Using String.valueOf(charArr)");

String str2 = String.*valueOf*(charArr);

System.***out***.println(str2);

}

}

**char to Character**

**package** com.conversion;

**public** **class** charToCharacter {

**public** **static** **void** main(String[] args) {

Character characterObj = 'c';

System.***out***.println("Character object characterObj : ");

System.***out***.println(characterObj);

**char** charChar = characterObj;

System.***out***.println("char primitive charChar : ");

System.***out***.println(charChar);

}

}

**char to int**

**package** com.conversion;

**public** **class** charToint {

**public** **static** **void** main(String[] args) {

**char** charA = 'a';

System.***out***.println("char primitive charA :");

System.***out***.println(charA);

System.***out***.println("int primitve :");

System.***out***.println((**int**) charA);

}

}

**char to String**

**package** com.conversion;

**public** **class** charToString {

**public** **static** **void** main(String[] args) {

**char** charVal = 'a';

System.***out***.println("1. Using Character.toString(char)");

System.***out***.println("char primitive charVal :");

System.***out***.println(charVal);

String strVal1 = Character.*toString*(charVal);

System.***out***.println("str object strVal :");

System.***out***.println(strVal1);

System.***out***.println(strVal1 **instanceof** String);

System.***out***.println("\n2. Using String.valueOf(char)");

System.***out***.println("char primitive charVal :");

System.***out***.println(charVal);

String strVal2 = String.*valueOf*(charVal);

System.***out***.println("str object strVal :");

System.***out***.println(strVal2);

System.***out***.println(strVal2 **instanceof** String);

}

}

**Date to String**

**package** com.conversion;

**import** java.text.DateFormat;

**import** java.text.SimpleDateFormat;

**import** java.util.Calendar;

**import** java.util.Date;

// https://www.edureka.co/blog/convert-int-to-string-in-java/

**public** **class** DateToString {

**public** **static** **void** main(String[] args) {

Date dateDate = Calendar.*getInstance*().getTime();

DateFormat df = **new** SimpleDateFormat("yyyy-mm-dd hh:mm:ss");

System.***out***.println("Using SimpleDateFormat");

System.***out***.println("date object dateDate : ");

System.***out***.println(dateDate);

System.***out***.println("String object :");

System.***out***.println(df.format(dateDate));

}

}

**Date to Timestamp**

**package** com.conversion;

**import** java.sql.Timestamp;

**import** java.text.SimpleDateFormat;

**import** java.util.Date;

**public** **class** DateToTimestamp {

**public** **static** **void** main(String[] args) {

Timestamp timestamp1 = **new** Timestamp(System.*currentTimeMillis*());

System.***out***.println("Timestamp object timestamp :");

System.***out***.println(timestamp1);

Date dateDate1 = **new** Date(timestamp1.getTime());

System.***out***.println("Date object dateDate: ");

System.***out***.println(dateDate1);

Timestamp timestamp2 = **new** Timestamp(System.*currentTimeMillis*());

System.***out***.println("\nTimestamp object timestamp :");

System.***out***.println(timestamp2);

Date dateDate2 = timestamp2;

System.***out***.println("Date object dateDate: ");

System.***out***.println(dateDate2);

}

}

**double to int**

**package** com.conversion;

**public** **class** doubleToint {

**public** **static** **void** main(String[] args) {

**double** doubleVal = 12345.6789;

System.***out***.println("double primitve doubleVal:");

System.***out***.println(doubleVal);

**int** intVal = (**int**) doubleVal;

System.***out***.println("int primitve intVal:");

System.***out***.println(intVal);

}

}

**double to String**

**package** com.conversion;

// https://www.edureka.co/blog/convert-int-to-string-in-java/

**public** **class** doubleToString {

**public** **static** **void** main(String[] args) {

**double** doubleVal1 = 3.14159265358979323;

**double** doubleVal2 = 3.14159265358979323;

System.***out***.println("1. Using Double.toString(double)");

System.***out***.println("double primitive doubleVal1 : ");

System.***out***.println(doubleVal1);

System.***out***.println("String object :");

System.***out***.println(Double.*toString*(doubleVal1));

System.***out***.println(Double.*toString*(doubleVal1) **instanceof** String);

System.***out***.println("\n2. Using String.valueOf(double)");

System.***out***.println("double primitive doubleVal2 : ");

System.***out***.println(doubleVal2);

System.***out***.println("String object :");

System.***out***.println(String.*valueOf*(doubleVal2));

System.***out***.println(String.*valueOf*(doubleVal2) **instanceof** String);

}

}

**float to String**

**package** com.conversion;

// https://www.edureka.co/blog/convert-int-to-string-in-java/

**public** **class** floatToString {

**public** **static** **void** main(String[] args) {

**float** floatVal1 = 3.14159265358979323f;

**float** floatVal2 = 3.14159265358979323f;

System.***out***.println("1. Using Float.toString(float)");

System.***out***.println("float primitive floatVal1 : ");

System.***out***.println(floatVal1);

System.***out***.println("String object :");

System.***out***.println(Float.*toString*(floatVal1));

System.***out***.println(Float.*toString*(floatVal1) **instanceof** String);

System.***out***.println("\n2. Using String.valueOf(float)");

System.***out***.println("float primitive floatVal2 : ");

System.***out***.println(floatVal2);

System.***out***.println("String object :");

System.***out***.println(String.*valueOf*(floatVal2));

System.***out***.println(String.*valueOf*(floatVal2) **instanceof** String);

}

}

**HashMap to Json**

**package** com.conversion;

**import** java.util.HashMap;

**import** com.google.gson.Gson;

**import** com.google.gson.GsonBuilder;

**public** **class** HashMapToJson {

**public** **static** **void** main(String[] args) {

HashMap<String, String> capitals = **new** HashMap<>();

capitals.put("MP", "Bhopal");

capitals.put("RJ", "Jaipur");

capitals.put("MH", "Mumbai");

capitals.put("UP", "Lucknow");

capitals.put("GJ", "Ahemdabad");

System.***out***.println("1. Using GsonBuilder, create() and toJson()");

GsonBuilder gsonMapBuilder = **new** GsonBuilder();

Gson gsonObject = gsonMapBuilder.create();

String JSONObject = gsonObject.toJson(capitals);

System.***out***.print(JSONObject);

System.***out***.println("\n\n2. Using GsonBuilder, setPrettyPrinting, create() and toJson()");

Gson prettyGson = **new** GsonBuilder().setPrettyPrinting().create();

String prettyJson = prettyGson.toJson(capitals);

System.***out***.print(prettyJson);

}

}

**Hex to int**

**package** com.conversion;

**public** **class** HexToint {

**public** **static** **void** main(String[] args) {

String hexVal1 = "a";

System.***out***.println("hexadecimal primitive hexVal1:");

System.***out***.println(hexVal1);

**int** intVal1 = Integer.*parseInt*(hexVal1, 16);

System.***out***.println("int primitive intVal1:");

System.***out***.println(intVal1);

}

}

**int Array to Integer Array**

**package** com.conversion;

**import** java.util.Arrays;

**public** **class** intArrayToIntegerArray {

**public** **static** **void** main(String[] args) {

**int**[] intArr = {9,8,2,6,3,9,6,4,6,5};

System.***out***.println("int Array primitive intArr: ");

System.***out***.println(Arrays.*toString*(intArr));

Integer[] IntegerArr = Arrays.*stream*(intArr).boxed().toArray(Integer[]::**new**);

System.***out***.println("Integer Array object IntegerArray: ");

System.***out***.println(Arrays.*toString*(IntegerArr));

}

}

**int Array to Integer ArrayList**

**package** com.conversion;

**import** java.util.Arrays;

**import** java.util.List;

**import** java.util.stream.Collectors;

**public** **class** intArrayToIntegerArrayList {

**public** **static** **void** main(String[] args) {

**int**[] intArr1 = { 9, 8, 2, 6, 3, 9, 6, 4, 6, 5 };

System.***out***.println("intArr primitive :");

System.***out***.println(Arrays.*toString*(intArr1));

List<Integer> listInteger1 = Arrays.*stream*(intArr1).boxed().collect(Collectors.*toList*());

System.***out***.println("listInteger object :");

System.***out***.println(listInteger1.toString());

System.***out***.println("intArr primitive :");

System.***out***.println(Arrays.*toString*(intArr1));

List<Integer> listInteger2 = Arrays.*asList*(9, 8, 2, 6, 3, 9, 6, 4, 6, 5);

System.***out***.println("listInteger object :");

System.***out***.println(listInteger2.toString());

}

}

**int Array to String**

**package** com.conversion;

**import** java.util.Arrays;

**public** **class** intArrayToString {

**public** **static** **void** main(String[] args) {

**int**[] intArr = { 9, 8, 2, 6, 3, 9, 6, 4, 6, 5 };

System.***out***.println("intArr primitive :");

System.***out***.println(Arrays.*toString*(intArr));

String str = Arrays.*toString*(intArr);

System.***out***.println("string object str:");

System.***out***.print(str);

}

}

**Integer ArrayList to String**

**package** com.conversion;

**import** java.util.ArrayList;

**import** java.util.List;

**public** **class** IntegerArrayListToString {

**public** **static** **void** main(String[] args) {

List<Integer> list = **new** ArrayList<>();

**for**(**int** i=0;i<10;i++) {

list.add(i);

}

System.***out***.println(list.toString());

}

}

**Integer to int**

**package** com.conversion;

**public** **class** IntegerToint {

**public** **static** **void** main(String[] args) {

Integer intObject = **new** Integer(123);

System.***out***.println("Integer object intObject : ");

System.***out***.println(intObject);

**int** intVal = intObject.intValue();

System.***out***.println("int primitive intVal : ");

System.***out***.println(intVal);

}

}

**int to binary**

**package** com.conversion;

**public** **class** intTobinary {

**public** **static** **void** main(String[] args) {

**int** intVal1 = 10;

System.***out***.println("int primitive intVal1:");

System.***out***.println(intVal1);

String binaryVal1 = Integer.*toBinaryString*(intVal1);

System.***out***.println("binary primitive binaryVal1:");

System.***out***.println(binaryVal1);

}

}

**int to char**

**package** com.conversion;

**public** **class** intTochar {

**public** **static** **void** main(String[] args) {

**int** intVal = 97;

System.***out***.println("int primitive intVal :");

System.***out***.println(intVal);

System.***out***.println("char primitive :");

System.***out***.println((**char**) intVal);

}

}

**int to double**

**package** com.conversion;

**public** **class** intTodouble {

**public** **static** **void** main(String[] args) {

**int** intVal = 12345;

System.***out***.println("int primitve intVal:");

System.***out***.println(intVal);

**double** doubleVal = intVal;

System.***out***.println("double primitve doubleVal:");

System.***out***.println(doubleVal);

}

}

**int to Hex**

**package** com.conversion;

**public** **class** intToHex {

**public** **static** **void** main(String[] args) {

**int** intVal1 = 10;

System.***out***.println("int primitive intVal1:");

System.***out***.println(intVal1);

String hexVal1 = Integer.*toHexString*(intVal1);

System.***out***.println("hexadecimal primitive hexVal1:");

System.***out***.println(hexVal1);

}

}

**int to int Array**

**package** com.conversion;

**public** **class** intTointArray {

**public** **static** **void** main(String[] args) {

**int** num = 98263;

System.***out***.println("int primitive num : ");

System.***out***.println(num);

String sNum = Integer.*toString*(num);

**int** n = sNum.length();

**int**[] intArr = **new** **int**[n];

**for** (**int** i = 0; i < n; i++) {

intArr[i] = Character.*getNumericValue*(sNum.charAt(i));

}

System.***out***.println("int array primitive intArr : ");

**for** (**int** i = 0; i < n; i++) {

System.***out***.print(intArr[i]);

}

}

}

**int to Integer**

**package** com.conversion;

**public** **class** intToInteger {

**public** **static** **void** main(String[] args) {

**int** intVal = 314;

System.***out***.println("int primitive intVal : ");

System.***out***.println(intVal);

Integer intObject = **new** Integer(intVal);

System.***out***.println("Integer object intObject : ");

System.***out***.println(intObject);

// System.out.println(intObject instanceof Integer);

}

}

**int to long**

**package** com.conversion;

**public** **class** intTolong {

**public** **static** **void** main(String[] args) {

System.***out***.println("1. Using long longVal = intVal");

**int** intVal1 = 12345;

System.***out***.println("int primitive intVal : ");

System.***out***.println(intVal1);

**long** longVal1 = intVal1;

System.***out***.println("long primitive longVal :");

System.***out***.println(longVal1);

System.***out***.println("\n2. Using Long longVal2 = new Long(intVal2)");

**int** intVal2 = 12345;

System.***out***.println("int primitive intVal : ");

System.***out***.println(intVal2);

Long longVal2 = **new** Long(intVal2);

System.***out***.println("Long object longVal :");

System.***out***.println(longVal2);

System.***out***.println(longVal2 **instanceof** Long);

System.***out***.println("\n3. Using Long longVal3 = Long.valueOf(intVal)");

**int** intVal3 = 12345;

System.***out***.println("int primitive intVal : ");

System.***out***.println(intVal3);

Long longVal3 = Long.*valueOf*(intVal3);

System.***out***.println("Long object longVal :");

System.***out***.println(longVal3);

System.***out***.println(longVal3 **instanceof** Long);

}

}

**int to octal**

**package** com.conversion;

**public** **class** intToOctal {

**public** **static** **void** main(String[] args) {

**int** intVal1 = 8;

// int intVal1 = 19;

// int intVal1 = 81;

System.***out***.println("int primitive intVal1:");

System.***out***.println(intVal1);

String octalVal1 = Integer.*toOctalString*(intVal1);

System.***out***.println("octal primitive octalVal1:");

System.***out***.println(octalVal1);

}

}

**int to String**

**package** com.conversion;

// https://www.edureka.co/blog/convert-int-to-string-in-java/

**public** **class** intToString {

**public** **static** **void** main(String[] args) {

**int** intVal1 = 10;

**int** intVal2 = 20;

**int** intVal3 = 30;

**int** intVal4 = 40;

**int** intVal5 = 50;

System.***out***.println("1. Using Integer.toString(int)");

System.***out***.println("int primitive intVal1 : ");

System.***out***.println(intVal1);

System.***out***.println("String object :");

System.***out***.println(Integer.*toString*(intVal1));

System.***out***.println(Integer.*toString*(intVal1) **instanceof** String);

System.***out***.println("\n2. Using String.valueOf(int)");

System.***out***.println("int primitive intVal2 : ");

System.***out***.println(intVal2);

System.***out***.println("String object :");

System.***out***.println(String.*valueOf*(intVal2));

System.***out***.println(String.*valueOf*(intVal2) **instanceof** String);

System.***out***.println("\n3. Using String.format(%d,int)");

System.***out***.println("int primitive intVal3 : ");

System.***out***.println(intVal3);

System.***out***.println("String object :");

System.***out***.println(String.*format*("%d", intVal3));

System.***out***.println(String.*format*("%d", intVal3) **instanceof** String);

System.***out***.println("\n4. Using new StringBuilder().append(int).toString()");

System.***out***.println("int primitive intVal4 : ");

System.***out***.println(intVal4);

System.***out***.println("String object :");

System.***out***.println(**new** StringBuilder().append(intVal4).toString());

System.***out***.println(**new** StringBuilder().append(intVal4).toString() **instanceof** String);

System.***out***.println("\n5. Using new StringBuffer().append(int).toString()");

System.***out***.println("int primitive intVal5 : ");

System.***out***.println(intVal5);

System.***out***.println("String object :");

System.***out***.println(**new** StringBuffer().append(intVal5).toString());

System.***out***.println(**new** StringBuffer().append(intVal5).toString() **instanceof** String);

}

}

**long to int**

**package** com.conversion;

**public** **class** longToint {

**public** **static** **void** main(String[] args) {

**long** longVal = 500000000;

System.***out***.println("long longVal : ");

System.***out***.println(longVal);

**int** intVal = (**int**) longVal;

System.***out***.println("int intVal : ");

System.***out***.println(intVal);

}

}

**long to String**

**package** com.conversion;

// https://www.edureka.co/blog/convert-int-to-string-in-java/

**public** **class** longToString {

**public** **static** **void** main(String[] args) {

**long** longVal1 = 9993939399L;

**long** longVal2 = 9993939398L;

**long** longVal3 = 9993939397L;

System.***out***.println("1. Using Long.toString(long)");

System.***out***.println("long primitive longVal1 : ");

System.***out***.println(longVal1);

System.***out***.println("String object :");

System.***out***.println(Long.*toString*(longVal1));

System.***out***.println(Long.*toString*(longVal1) **instanceof** String);

System.***out***.println("\n2. Using Long.valueOf(long)");

System.***out***.println("long primitive longVal2 : ");

System.***out***.println(longVal2);

System.***out***.println("String object :");

System.***out***.println(String.*valueOf*(longVal2));

System.***out***.println(String.*valueOf*(longVal2) **instanceof** String);

}

}

**Object Array to Integer Array**

**package** com.conversion;

**import** java.util.ArrayList;

**import** java.util.Arrays;

**import** java.util.List;

**public** **class** ObjectArrayToIntegerArray {

**public** **static** **void** main(String[] args) {

List<Integer> list = **new** ArrayList<>();

**for** (**int** i = 0; i < 10; i++) {

list.add(i);

}

Integer[] strArr = list.toArray(**new** Integer[0]);

System.***out***.println(Arrays.*toString*(strArr));

}

}

**Object to String**

**package** com.conversion;

**public** **class** ObjectToString {

**public** **static** **void** main(String[] args) {

System.***out***.println("\n1. Using employeeObj.toString()");

Employee employeeObj1 = **new** Employee(1, "Pushkar");

System.***out***.println("Employee object employeeObj:");

System.***out***.println(employeeObj1);

String strObj1 = employeeObj1.toString();

System.***out***.println("String object strObj:");

System.***out***.println(strObj1);

System.***out***.println("\n2. Using String.valueOf(employeeObj)");

Employee employeeObj2 = **new** Employee(1, "Pushkar");

System.***out***.println("Employee object employeeObj:");

System.***out***.println(employeeObj2);

String strObj = String.*valueOf*(employeeObj2);

System.***out***.println("String object strObj:");

System.***out***.println(strObj);

}

}

**class** Employee {

**private** **int** id;

**private** String name;

**public** Employee() {

}

**public** Employee(**int** id, String name) {

**super**();

**this**.id = id;

**this**.name = name;

}

**public** **int** getId() {

**return** id;

}

**public** **void** setId(**int** id) {

**this**.id = id;

}

**public** String getName() {

**return** name;

}

**public** **void** setName(String name) {

**this**.name = name;

}

@Override

**public** String toString() {

**return** "Employee [id=" + id + ", name=" + name + "]";

}

}

**octal to int**

**package** com.conversion;

**public** **class** octalToint {

**public** **static** **void** main(String[] args) {

String octalVal1 = "121";

System.***out***.println("octal primitive octalVal1:");

System.***out***.println(octalVal1);

**int** intVal1 = Integer.*parseInt*(octalVal1, 8);

System.***out***.println("int primitive intVal1:");

System.***out***.println(intVal1);

}

}

**Set to ArrayList**

**package** com.conversion;

**import** java.util.ArrayList;

**import** java.util.HashSet;

**import** java.util.List;

**import** java.util.Set;

**public** **class** SetToArrayList {

**public** **static** **void** main(String[] args) {

Set<String> set = **new** HashSet<>();

set.add("A");

set.add("B");

set.add("B");

set.add("A");

set.add("B");

set.add("C");

set.add("C");

System.***out***.println("set object set :");

System.***out***.println(set);

List<String> list = **new** ArrayList<>(set);

System.***out***.println("list object list :");

System.***out***.println(list);

}

}

**String Array to ArrayList**

**package** com.conversion;

**import** java.util.ArrayList;

**import** java.util.Arrays;

**import** java.util.List;

**public** **class** StringArrayToArrayList {

**public** **static** **void** main(String[] args) {

String[] strArr = {"KA","TN","MP","RJ","Dl","MH","GJ"};

List<String> list = **new** ArrayList<>();

list = Arrays.*asList*(strArr);

System.***out***.println(Arrays.*toString*(strArr));

System.***out***.println(list);

}

}

**String to ArrayList**

**package** com.conversion;

**import** java.util.ArrayList;

**import** java.util.Arrays;

**import** java.util.List;

**public** **class** StringToArrayList {

**public** **static** **void** main(String[] args) {

String str1 = "My name is Pushkar Chauhan";

String[] strArr1 = str1.split(" ");

List<String> list1 = **new** ArrayList<>();

list1 = Arrays.*asList*(strArr1);

System.***out***.println(str1);

System.***out***.println(list1);

String str2 = "My name is Pushkar Chauhan";

String[] strArr2 = str2.split(" ");

List<String> list2 = **new** ArrayList<>();

**for**(**int** i=0;i<strArr2.length-1;i++) {

list2.add(strArr2[i]);

}

System.***out***.println(str2);

System.***out***.println(list2);

}

}

**String to boolean**

**package** com.conversion;

**public** **class** StringToboolean {

**public** **static** **void** main(String[] args) {

String strVal1 = "true";

String strVal2 = "false";

String strVal3 = "TRUE";

String strVal4 = "FALSE";

String strVal5 = "True";

String strVal6 = "False";

String strVal7 = "0";

String strVal8 = "1";

**int** intVal1 = 0;

**int** intVal2 = 1;

**boolean** boolVal1 = Boolean.*parseBoolean*(strVal1);

**boolean** boolVal2 = Boolean.*parseBoolean*(strVal2);

**boolean** boolVal3 = Boolean.*parseBoolean*(strVal3);

**boolean** boolVal4 = Boolean.*parseBoolean*(strVal4);

**boolean** boolVal5 = Boolean.*parseBoolean*(strVal5);

**boolean** boolVal6 = Boolean.*parseBoolean*(strVal6);

**boolean** boolVal7 = Boolean.*parseBoolean*(strVal7);

**boolean** boolVal8 = Boolean.*parseBoolean*(strVal8);

**boolean** boolVal9 = Boolean.*parseBoolean*(String.*valueOf*(intVal1));

**boolean** boolVal10 = Boolean.*parseBoolean*(String.*valueOf*(intVal2));

System.***out***.println("str primitive strVal1 : ");

System.***out***.println(strVal1);

System.***out***.println("boolean primitive boolVal1 : ");

System.***out***.println(boolVal1);

System.***out***.println("\nstr primitive strVal2 : ");

System.***out***.println(strVal2);

System.***out***.println("boolean primitive boolVal2 : ");

System.***out***.println(boolVal2);

System.***out***.println("\nstr primitive strVal3 : ");

System.***out***.println(strVal3);

System.***out***.println("boolean primitive boolVal3 : ");

System.***out***.println(boolVal3);

System.***out***.println("\nstr primitive strVal4 : ");

System.***out***.println(strVal4);

System.***out***.println("boolean primitive boolVal4 : ");

System.***out***.println(boolVal4);

System.***out***.println("\nstr primitive strVal5 : ");

System.***out***.println(strVal5);

System.***out***.println("boolean primitive boolVal5 : ");

System.***out***.println(boolVal5);

System.***out***.println("\nstr primitive strVal6: ");

System.***out***.println(strVal6);

System.***out***.println("boolean primitive boolVal6 : ");

System.***out***.println(boolVal6);

System.***out***.println("\nstr primitive strVal7: ");

System.***out***.println(strVal7);

System.***out***.println("boolean primitive boolVal7 : ");

System.***out***.println(boolVal7);

System.***out***.println("\nstr primitive strVal8: ");

System.***out***.println(strVal8);

System.***out***.println("boolean primitive boolVal8 : ");

System.***out***.println(boolVal8);

System.***out***.println("\nstr primitive intVal1: ");

System.***out***.println(intVal1);

System.***out***.println("boolean primitive boolVal9 : ");

System.***out***.println(boolVal9);

System.***out***.println("\nstr primitive intVal2: ");

System.***out***.println(intVal2);

System.***out***.println("boolean primitive boolVal10 : ");

System.***out***.println(boolVal10);

}

}

**String to char**

**package** com.conversion;

**public** **class** StringTochar {

**public** **static** **void** main(String[] args) {

String strVal = "a";

System.***out***.println("str object strVal :");

System.***out***.println(strVal);

System.***out***.println("char primitive charVal");

**char** charVal = strVal.charAt(0);

System.***out***.println(charVal);

}

}

**String to char Array**

**package** com.conversion;

**import** java.util.Arrays;

**public** **class** StringTocharArray {

**public** **static** **void** main(String[] args) {

String str = "Hello World";

System.***out***.println("String object str : ");

System.***out***.println(str);

**char**[] charArr = str.toCharArray();

System.***out***.println("char[] primitive charArr : ");

System.***out***.println(Arrays.*toString*(charArr));

}

}

**String to Date**

**package** com.conversion;

**import** java.text.ParseException;

**import** java.text.SimpleDateFormat;

**import** java.util.Date;

**public** **class** StringToDate {

**public** **static** **void** main(String[] args) **throws** ParseException {

String strDate = "06/08/1991";

System.***out***.println("String object strDate : ");

System.***out***.println(strDate);

SimpleDateFormat sdf = **new** SimpleDateFormat("dd/MM/yyyy");

Date dateDate = sdf.parse(strDate);

System.***out***.println("Date object dateDate : ");

System.***out***.println(dateDate);

}

}

**String to double**

**package** com.conversion;

**public** **class** StringTodouble {

**public** **static** **void** main(String[] args) {

String str = "3.14159265358979323";

System.***out***.println("String object str : ");

System.***out***.println(str);

**double** doubleVal = Double.*parseDouble*(str);

System.***out***.println("double primitive doubleVal : ");

System.***out***.println(doubleVal);

}

}

**String to float**

**package** com.conversion;

**public** **class** StringTofloat {

**public** **static** **void** main(String[] args) {

String str = "3.14159265358979323";

System.***out***.println("String object str : ");

System.***out***.println(str);

**float** floatVal = Float.*parseFloat*(str);

System.***out***.println("float primitive floatVal : ");

System.***out***.println(floatVal);

}

}

**String to HashSet**

**package** com.conversion;

**import** java.util.HashSet;

**import** java.util.Set;

**public** **class** StringToHashSet {

**public** **static** **void** main(String[] args) {

String str = "mumbai kolkata mumbai goa goa indore kolkata mumbai chennai chennai goa";

String[] strArr = str.split(" ");

Set<String> set = **new** HashSet<>();

**for** (**int** i = 0; i < strArr.length; i++) {

set.add(strArr[i]);

}

System.***out***.println(str);

System.***out***.println(set);

}

}

**String to int**

**package** com.conversion;

**public** **class** StringToint {

**public** **static** **void** main(String[] args) {

String str = "1234";

System.***out***.println("String object str : ");

System.***out***.println(str);

**int** intVal = Integer.*parseInt*(str);

System.***out***.println("int primitive intVal : ");

System.***out***.println(intVal);

}

}

**String to int Array**

**package** com.conversion;

**public** **class** StringTointArray {

**public** **static** **void** main(String[] args) {

String str = "9826396465";

**int** n = str.length();

**int**[] intArr = **new** **int**[n];

String[] strArr = str.split("");

**for** (**int** i = 0; i < n; i++) {

intArr[i] = Integer.*parseInt*(strArr[i]);

}

System.***out***.println("String object str : ");

System.***out***.println(str);

System.***out***.println("intArray primitive intArr : ");

**for** (**int** val : intArr)

System.***out***.print(val);

// Arrays.stream(intArr).forEach(System.out::println);

}

}

**String to LinkedHashSet**

**package** com.conversion;

**import** java.util.LinkedHashSet;

**import** java.util.Set;

**public** **class** StringToLinkedHashSet {

**public** **static** **void** main(String[] args) {

String str = "mumbai mumbai kolkata mumbai goa goa indore kolkata mumbai chennai chennai goa";

String[] strArr = str.split(" ");

Set<String> set = **new** LinkedHashSet<>();

**for** (**int** i = 0; i < strArr.length; i++) {

set.add(strArr[i]);

}

System.***out***.println(str);

System.***out***.println(set);

}

}

**String to long**

**package** com.conversion;

**public** **class** StringTolong {

**public** **static** **void** main(String[] args) {

String str = "1234";

System.***out***.println("String object str : ");

System.***out***.println(str);

**long** longVal = Long.*parseLong*(str);

System.***out***.println("long primitive longVal : ");

System.***out***.println(longVal);

}

}

**String to Object**

**package** com.conversion;

**public** **class** StringToObject {

**public** **static** **void** main(String[] args) {

String str = "Hello World";

System.***out***.println("String object str:");

System.***out***.println(str);

Object obj = str;

System.***out***.println("Object object obj:");

System.***out***.println(obj);

}

}

**String to TreeSet**

**package** com.conversion;

**import** java.util.Set;

**import** java.util.TreeSet;

**public** **class** StringToTreeSet {

**public** **static** **void** main(String[] args) {

String str = "9826396465";

**int** n = str.length();

Set<String> set = **new** TreeSet<>();

**for** (**int** i = 0; i < n; i++) {

set.add(String.*valueOf*(str.charAt(i)));

}

System.***out***.println(str);

System.***out***.println(set);

}

}

**Timestamp to Date**

**package** com.conversion;

**import** java.sql.Timestamp;

**import** java.text.SimpleDateFormat;

**import** java.util.Date;

**public** **class** TimestampToDate {

**public** **static** **void** main(String[] args) {

Date dateDate1 = **new** Date();

System.***out***.println("Date object dateDate: ");

System.***out***.println(dateDate1);

Timestamp timestamp1 = **new** Timestamp(dateDate1.getTime());

System.***out***.println("Timestamp object timestamp :");

System.***out***.println(timestamp1);

Date dateDate2 = **new** Date();

System.***out***.println("\nDate object dateDate: ");

System.***out***.println(dateDate2);

Timestamp timestamp2 = **new** Timestamp(dateDate2.getTime());

SimpleDateFormat sdf = **new** SimpleDateFormat("yyyy-MM-dd HH:mm:ss");

System.***out***.println("Timestamp object timestamp :");

System.***out***.println(sdf.format(dateDate2));

}

}