Start from here. An **introduction to java** and java basics with examples.  
1. [Introduction to Java](https://beginnersbook.com/2013/05/java-introduction/)  
2. [Java Virtual Machine(JVM) Basics](https://beginnersbook.com/2013/05/jvm/)  
3. [First Java Program](https://beginnersbook.com/2013/05/first-java-program/)  
4. [Variables in Java](https://beginnersbook.com/2017/08/variables-in-java/)  
5. [Java Data Types](https://beginnersbook.com/2017/08/data-types-in-java/)  
6. [Java Operators](https://beginnersbook.com/2017/08/operators-in-java/)  
7. [If-else in Java](https://beginnersbook.com/2017/08/if-else-statement-in-java/)  
8. [Switch-Case in Java](https://beginnersbook.com/2017/08/java-switch-case/)  
9. [Java For loop](https://beginnersbook.com/2015/03/for-loop-in-java-with-example/)  
10. [Java While loop](https://beginnersbook.com/2015/03/while-loop-in-java-with-examples/)  
11. [do-while loop in Java](https://beginnersbook.com/2015/03/do-while-loop-in-java-with-example/)  
12. [Java Continue statement](https://beginnersbook.com/2017/08/java-continue-statement/)  
13. [Java Break statement](https://beginnersbook.com/2017/08/java-break-statement/)

**Java OOPs tutorial**

14. [Constructor in Java](https://beginnersbook.com/2013/03/constructors-in-java/)  
15. [Static keyword in Java](https://beginnersbook.com/2013/04/java-static-class-block-methods-variables/)  
16. [Java Inheritance with example](https://beginnersbook.com/2013/03/inheritance-in-java/)  
17. [Types of inheritance in Java](https://beginnersbook.com/2013/05/java-inheritance-types/)  
18. [Aggregation in Java](https://beginnersbook.com/2013/05/aggregation/)  
19. [Association in Java](https://beginnersbook.com/2013/05/association/)  
20. [Super Keyword in Java](https://beginnersbook.com/2014/07/super-keyword-in-java-with-example/)  
21. [Method overloading in Java](https://beginnersbook.com/2013/05/method-overloading/)  
22. [Method overriding in Java](https://beginnersbook.com/2014/01/method-overriding-in-java-with-example/)  
23. [Java – Method Overloading vs Method Overriding](https://beginnersbook.com/2014/01/difference-between-method-overloading-and-overriding-in-java/)  
24. [Polymorphism in Java](https://beginnersbook.com/2013/03/polymorphism-in-java/)  
25. [Types of polymorphism in Java](https://beginnersbook.com/2013/04/runtime-compile-time-polymorphism/)  
26. [Static and dynamic binding](https://beginnersbook.com/2013/04/java-static-dynamic-binding/)  
27. [Abstract class in Java](https://beginnersbook.com/2013/05/java-abstract-class-method/)  
28. [Java Abstract method with example](https://beginnersbook.com/2014/01/abstract-method-with-examples-in-java/)  
29. [Interface in Java](https://beginnersbook.com/2013/05/java-interface/)  
30. [Java – Abstract class vs interface](https://beginnersbook.com/2013/05/abstract-class-vs-interface-in-java/)  
31. [Java Encapsulation with example](https://beginnersbook.com/2013/05/encapsulation-in-java/)  
32. [Java Packages with examples](https://beginnersbook.com/2013/03/packages-in-java/)  
33. [Access modifiers in Java](https://beginnersbook.com/2013/05/java-access-modifiers/)  
33. [Garbage Collection in Java](https://beginnersbook.com/2013/04/java-garbage-collection/)  
34. [final keyword](https://beginnersbook.com/2014/07/final-keyword-java-final-variable-method-class/)

**Java Exception Handling Tutorial**

35. [Java Exception handling](https://beginnersbook.com/2013/04/java-exception-handling/)  
36. [Java try-catch block](https://beginnersbook.com/2013/04/try-catch-in-java/)  
37. [Java finally block](https://beginnersbook.com/2013/04/java-finally-block/)  
38. [How to throw exception in Java](https://beginnersbook.com/2013/04/throw-in-java/)  
39. [Custom Exception in Java](https://beginnersbook.com/2013/04/user-defined-exception-in-java/)  
40. [Exception Examples](https://beginnersbook.com/2013/04/exception-handling-examples/)

**Java Collections Tutorial**

41. [Java ArrayList](https://beginnersbook.com/2013/12/java-arraylist/)  
42. [Java LinkedList](https://beginnersbook.com/2013/12/linkedlist-in-java-with-example/)  
43. [Vector in Java](https://beginnersbook.com/2013/12/vector-in-java/)  
44. [HashMap in Java](https://beginnersbook.com/2013/12/hashmap-in-java-with-example/)  
45. [Java TreeMap](https://beginnersbook.com/2013/12/treemap-in-java-with-example/)  
46. [Java LinkedHashMap](https://beginnersbook.com/2013/12/linkedhashmap-in-java/)  
47. [Java HashSet](https://beginnersbook.com/2013/12/hashset-class-in-java-with-example/)  
48. [TreeSet in Java](https://beginnersbook.com/2013/12/treeset-class-in-java-with-example/)  
49. [LinkedHashSet](https://beginnersbook.com/2013/12/linkedhashset-class-in-java-with-example/)  
50. [Hashtable in Java](https://beginnersbook.com/2014/07/hashtable-in-java-with-example/)  
51. [Queue](https://beginnersbook.com/2017/08/queue-interface-in-java-collections/)  
52. [PriorityQueue](https://beginnersbook.com/2017/08/java-collections-priorityqueue-interface/)  
53. [Deque & ArrayDeque](https://beginnersbook.com/2017/08/java-collections-deque-interface/)  
54. [Comparable Interface](https://beginnersbook.com/2017/08/comparable-interface-in-java-with-example/)  
55. [Comparator Interface](https://beginnersbook.com/2017/08/comparator-interface-in-java/)

**Java Tutorial on Annotation, Enum and Regex**

56. [Java Enum](https://beginnersbook.com/2014/09/java-enum-examples/)  
57. [Java Annotations](https://beginnersbook.com/2014/09/java-annotations/)  
58. [Java Regex](https://beginnersbook.com/2014/08/java-regex-tutorial/)

**Miscellaneous Core Java tutorial**

59. [String in Java](https://beginnersbook.com/2013/12/java-strings/)  
60. [Java Multithreading](https://beginnersbook.com/2013/03/multithreading-in-java/)  
61. [Java Serialization](https://beginnersbook.com/2014/07/java-serialization/)  
62. [Java AWT Tutorial](https://beginnersbook.com/2015/06/java-awt-tutorial/)  
63. [Java Swing Tutorial](https://beginnersbook.com/2015/07/java-swing-tutorial/)  
64. [Java autoboxing and unboxing](https://beginnersbook.com/2014/09/java-autoboxing-and-unboxing-with-examples/)  
65. [Wrapper Class in Java](https://beginnersbook.com/2017/09/wrapper-class-in-java/)

**Java 8 Tutorial**

There are several new features introduced in Java 8. I have covered all the [Java 8 Features](https://beginnersbook.com/2017/10/java-8-features-with-examples/) in the separate tutorials, here are the links:  
66. [Java Lambda Expressions](https://beginnersbook.com/2017/10/java-lambda-expressions-tutorial-with-examples/)  
67. [Java Method References](https://beginnersbook.com/2017/10/method-references-in-java-8/)  
68. [Java Functional Interfaces](https://beginnersbook.com/2017/10/java-functional-interfaces/)  
69. [Java Stream Tutorial](https://beginnersbook.com/2017/10/java-8-stream-tutorial/)  
70. [Java Stream Filter Tutorial](https://beginnersbook.com/2017/10/java-8-stream-filter/)  
71. [Java Interface changes – introduction of default and static methods](https://beginnersbook.com/2017/10/java-8-interface-changes-default-method-and-static-method/)  
72. [Java forEach](https://beginnersbook.com/2017/10/java-8-foreach/)  
73. [Java Stream Collectors class](https://beginnersbook.com/2017/10/java-8-stream-collectors-class-with-examples/)  
74. [Java StringJoiner class](https://beginnersbook.com/2017/10/java-8-stringjoiner/)  
75. [Java Optional class](https://beginnersbook.com/2017/10/java-8-optional-class/)  
76. [Java Arrays Parallel Sort](https://beginnersbook.com/2017/10/java-8-arrays-parallel-sort-with-example/)

**Java 9 Features**

Here are the tutorials on [Java 9 features](https://beginnersbook.com/2018/04/java-9-features-with-examples/) –  
77. [Java 9 – REPL (JShell)](https://beginnersbook.com/2018/04/java-9-jshell-repl/)  
78. Factory methods to create immutable [List](https://beginnersbook.com/2018/04/java-9-factory-method-to-create-immutable-list/), [Set](https://beginnersbook.com/2018/04/java-9-factory-methods-to-create-immutable-set/) and [Map](https://beginnersbook.com/2018/04/java-9-factory-methods-to-create-immutable-map/)  
79. [Introduction of Private methods in interfaces](https://beginnersbook.com/2018/05/java-9-private-methods-in-interfaces-with-examples/)  
80. [Try with resources enhancements](https://beginnersbook.com/2018/05/java-9-try-with-resources-enhancements/)  
81. [Anonymous inner class and diamond operator](https://beginnersbook.com/2018/05/java-9-anonymous-inner-classes-and-diamond-operator/)  
82. [@SafeVarargs Annotation (with examples)](https://beginnersbook.com/2018/05/java-9-safevarargs-annotation/)  
83. [Java 9 – Stream API Enhancements (With Examples)](https://beginnersbook.com/2018/06/java-9-stream-api-enhancements/)  
83. [Java 9 Modules](https://beginnersbook.com/2018/09/java-9-modules/)

**Java Input/Output Tutorials**

84. [Create a file in java](https://beginnersbook.com/2014/01/how-to-create-a-file-in-java/)  
85. [Read a file in java](https://beginnersbook.com/2014/01/how-to-read-file-in-java-bufferedinputstream/)  
86. [Write a file](https://beginnersbook.com/2014/01/how-to-write-to-a-file-in-java-using-fileoutputstream/)  
87. [Append to a file in java](https://beginnersbook.com/2014/01/how-to-append-to-a-file-in-java/)  
88. [How to delete file in Java](https://beginnersbook.com/2014/01/how-to-delete-file-in-java-delete-method/)  
89. [How to compress a File in GZip format](https://beginnersbook.com/2014/07/how-to-compress-a-file-in-gzip-format/)  
90. [How to Copy a File to another File in Java](https://beginnersbook.com/2014/05/how-to-copy-a-file-to-another-file-in-java/)  
91. [How to get the last modified date of a file in java](https://beginnersbook.com/2014/05/how-to-get-the-last-modified-date-of-a-file-in-java/)  
92. [How to make a File Read Only in Java](https://beginnersbook.com/2014/05/how-to-make-a-file-read-only-in-java/)  
93. [How to check if a File is hidden](https://beginnersbook.com/2015/01/how-to-check-if-a-file-is-hidden-in-java/)  
For more Java I/O tutorials, refer this: [Java I/O](https://beginnersbook.com/java-io-tutorial-with-examples/)

**Java Programs**

I have shared 50+ programs of Java programming language, links for some of the programs are shared below. These programs are especially shared for beginners.

To get the complete list of java programs, refer: [Java Examples](https://beginnersbook.com/2017/09/java-examples/).

94. [Java program to Display Fibonacci Series](https://beginnersbook.com/2017/09/java-program-to-display-fibonacci-series-using-loops/)  
95. [Java program to Find Factorial](https://beginnersbook.com/2017/09/java-program-to-find-factorial-using-for-and-while-loop/)  
96. [Java program to swap two numbers using bitwise operator](https://beginnersbook.com/2017/09/java-program-to-swap-two-numbers-using-bitwise-xor-operator/)  
97. [Java program to find largest of three numbers using ternary operator](https://beginnersbook.com/2017/09/java-program-to-find-largest-of-three-numbers-using-ternary-operator/)  
98. [Java program to check leap year](https://beginnersbook.com/2017/09/java-program-to-check-leap-year/)  
99. [Java Program to Reverse an input number](https://beginnersbook.com/2014/01/java-program-to-reverse-a-number/)  
100. [Java Program to Calculate area of circle](https://beginnersbook.com/2014/01/java-program-to-calculate-area-and-circumference-of-circle/)  
101. [Java Program to Calculate area of triangle](https://beginnersbook.com/2014/01/java-program-to-calculate-area-of-triangle/)  
102. [Java Program to Find sum of array elements](https://beginnersbook.com/2014/01/java-program-to-sum-the-elements-of-an-array/)  
103. [Program to Check for prime number](https://beginnersbook.com/2014/01/java-program-to-check-prime-number/)  
104. [Program to Check whether number is even or odd in Java](https://beginnersbook.com/2014/02/java-program-to-check-even-or-odd-number/)  
105. [Java Linear Search Program](https://beginnersbook.com/2014/04/java-program-for-linear-search-example/)  
106. [Java Binary Search Program](https://beginnersbook.com/2014/04/java-program-to-perform-binary-search/)  
107. [Program to Generate random number in Java](https://beginnersbook.com/2014/04/java-program-to-generate-random-number-example/)  
108. [Java program for Binary to decimal conversion](https://beginnersbook.com/2014/07/java-program-for-binary-to-decimal-conversion/)  
109. [Java Program Get input from user](https://beginnersbook.com/2014/07/java-program-to-get-input-from-user/)