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Java 8 tutorial pdf free

If you're looking for some free resources in Java, such as books, tutorials, and other learning materials, then you've come to the right place. There are so many resources available to master the features introduced in Java 8 and Java 9. In the past, I've shared some of the best Java 8 tutorials and books. In this article, I will share some of the best and free Java 8 and Java 9 courses from Udemy and Pluarlsight. This course is very similar to the paid courses you usually buy and many of these are made free for promotional or educational purposes. You can take this course to learn about the features of JDK 8 and JDK 9 in just a few days. I used to start learning new programming features with books, but, nowadays, online courses are my preferred learning method. There are so many good free courses available at Udemy. Although, sometimes, I have noticed that free courses turn into paid courses, especially after the instructor reaches their promotional target, therefore you should check the price before you join this course. A good idea is to join this Java 8 and Java 9 course now, while they are free. Once you are enrolled in the course, you will have unlimited free access, even after it is converted into a paid course. This means that you can learn whenever you want. Even if you're not studying now, you can learn more when you have some free time or a change of priorities – there's no harm in signing up. Why Learn Java 8 and Java 9? If you are wondering about the benefits of learning the features of Java 8 and Java 9, then, let me tell you: if you want to be relevant as a Java developer in today's job market, you better learn Java 8 now. I mentioned earlier in my post 10 Things Java Developers Should Learn in 2018, and I say it again, learn Java 8 sooner rather than later. It's been over four years since Java 8 was first released, and it's been very well received by the Java community due to some interesting features and language improvements, such as lambda expression, Stream API for bulk operations, new Date and Time APIs for better date handling, Default and Static methods on interfaces, Method references, and more. Nowadays, more and more companies are adopting the Java 8 coding style, and if you don't know writing code in The Java 8 style, for example using lambda and functional programming concepts, you will be left behind. Not only is Java 8 important to be relevant in the Java community, it also increases your productivity and makes writing Java code fun, once you know the basics. That's where this course can help! to Java 9, it does not have a splash of Java 8, but it is still packed with some interesting features, such as modules and some API charms. Knowing those features, in the end, helps you write better Java code and make better applications in Java. Top 5 Courses for Java 8 and 9 Here is a list of my free online courses for learning Java 8 and Java 9. This list includes courses suitable for beginners as well as experienced Java programmers unfamiliar with the features of JDK 8 and JDK 9. There is no need for you to attend all courses. You can watch a preview and make a decision on whether to join or not. At a minimum, you can take one course in Java 8 and another in Java 9 to speed yourself up. And, since these courses are completely free, you have nothing to lose by joining them. Java 9 Programming for Complete Beginners in 250 Steps This is an excellent Java course for beginners, especially those who started it for the first time. This course includes the latest version of Java, Java 9. If you want to learn Java from scratch, you can take this course. Not only will you learn about the new features of Java 8 and Java 9, such as functional programming, lambda, and streaming, but also other important Java concepts. You need to act fast to get this course for free as I am sure Ranga's instructor will make this course paid for as soon as he reaches his promotional target with more than 31K students already joining. In any case, I personally love Ranga's teaching style and the way she presents concepts, such as the JShell and Spring concepts in her Spring Framework course. You will learn a lot in no time – there is no doubt about it. Java 8: The basics for Beginners This is a very short course to learn some of the main features of Java 8, including lambda expression, reference methods, functional interface, default methods, Streaming APIs, optional classes, etc. Not only will you learn about it, but you'll also learn about new Date and Time APIs and other less popular but useful changes. Although this course does not provide a comprehensive overview, you can check this for a brief overview, especially if you are in a hurry and do not have much time to spend in self-study. What's New in Java 8 This is a more comprehensive course in Java 8, and includes almost all the features you need to know. The author, Josh Paumard, has 20 years of experience in computer programming and that shows in this course. You'll learn about how lambda expressions and Stream APIs make coding in Java fun again. This not only includes key features, such as the Date and Time API, but also includes minor API enhancements, such as StringJoiner and the combined method in the String class to join Strings in Java 8. You will also learn about JavaFX and JavaScriping using nashorn machines. Overall, this is a great course for learning Java 8, but the course, unfortunately, is not really free. It's from and you need a membership to gain access to the course. The only way you can get free access is by signing up for a 10-day free trial, which isn't bad. There is also a good chance that your company has a Pluarlsight Company license, and then you can get this course for free in your corporate account. Java 9 New Features in a Simple Way This is another awesome free course to learn about the features of Java 9. Unlike the previous course, which taught you Java from scratch, this course focuses only on the new Java 9 features. This is actual footage from the classroom; therefore, it is better than other screen-based courses. Instructors are also very enthusiastic - you won't feel bored and sleepy. Coming to content, this course includes JShell, modularity, improvements to the Java Stream and Process APIs, factory methods on collections, and my favorite features, HTTP client changes 2 and G1 Trash collector upgrades. Overall, this course covers every Java 9 feature you should know about. What's New in Java 9 by Sander Mak This is another awesome course for learning about the features of Java 9. In this course, Sander Mak, author of the popular book Java 9 Modularity, has explained some important changes to Java 9. The course is divided into 6 sections. The first section covers the modularity of Java, and since the instructor is also the author of a book on Java Modularity, you can expect this to be the most comprehensive coverage you can get. The second part focuses on the more interesting and interactive changes of Java 9 — JShell. You will learn about repl and how to use JShell. The third section focuses on improving languages and small libraries, such as changes to the Stream API, options, factory methods in Collections, and other improvements. This is the part you will love because you will be using this change in your daily life. The fourth section focuses on http/2 and Process API changes, while the fifth section focuses on Java Desktop Enhancements, e.g. JavaFX Update Part six and last focuses on improving performance and security. This explains the changes to the G1 Garbage Collection and the String compat feature introduced in Java 9. As with any Pluralsight course, you need a membership to join the course, such as a monthly or yearly membership. Although memberships don't cost much ($29 per month to access their 5000+ courses), you can still get these and Java 8 courses for free by signing up for a 10-day free trial, which is more than enough time to complete this course. That's it for now about some of the best free courses to learn about the new features of Java 8 and Java 9. I strongly encourage you to take at least one course of Java 8 and one Java 9 to get yourself used to the new features, especially the JDK 8 features such as lambda expression, Stream API, Collectors, Optional, and the new Date and time API. Programming resources more you might like: 5 Free Spring Framework Courses for Java Developers Top 5 Courses to learn Web Development in 2018 5 Courses for Learning Big Data and Apache Spark Top 10 Tutorials and JavaScript Courses for Top 5 Web Developers 5 to Learn Spring Boot in 2018 5 Free Data Structures and Algorithms Course 5 Free Linux Courses for Programmers and Developers 5 Free Courses to Learn React JS Framework Thank you for reading this article. If you find this free Java 8 and Java 9 course useful, then please share it with your friends and colleagues. Also read: I'm a Java programmer, blogger on and It's been over four years since Java 8 was launched, and many of you are already thinking of Java 8 as a legacy version, but there are still so many Java developers out there who don't know how to code using new language features in Java 8, such as lambdas, streams, and reference methods. It is time for all programmers to learn and master Java 8 before their skills become outdated. After that, we already have several Javanese releases, namely Java 9, Java 10, and Java 11. However, Java 8 is still the most used version, especially when it comes to coding styles. In the past, I've shared many books and tutorials on learning the main features of Java 8, for example lambda expressions, Stream APIs, reference methods, default methods, new Date and Time APIs, Optional, and other smaller API improvements, but my readers keep asking me about online courses they can take to learn Java 8 quickly. I can understand that because online courses have become the most popular way to learn new technologies in a fast timeframe. They have replaced the book as a source for learning new technologies. However, I still think the best resource for mastering a topic is through books, as they provide the most descriptive and authoritative knowledge. But, what works most for online courses is active learning, which is impossible with book tutorials. That is the single most important reason why many people use online courses to learn anything on the web, especially at low prices. 5 Best Study Programs for Learning Java SE 8 In this article, I will share some of the best Java 8 courses from Udemy and Pluralsight to learn Java 8 in no time. I have an annual membership of Pluarlsight, but I also shop at Udemy, mostly on their flash sales where they sell courses for just $9.99, which, for me, is like getting a free course. Anyway, without further ado, here are my top five courses for learning Java 8 in no time:1. Java 8 New Features In a Simple WayIf you quickly want to familiarize yourself with all the new features introduced in the Java SE 8 release, then is the right course for you. This course is a recording of a class directly from a Java 8 class so you'll feel like attending a class in person. This course covers all important features of Java 8, such as Lambda Expression, Reference method, Functional Interface, Default and Static Methods, common common interface of java.util.function packages such as Predicate, Function, Supplier, Consumer, etc. It also includes the Stream API and the new Date and Time API in more detail, which is essential for code in the style of Java 8.2. Java Streams DEVELOPER GUIDEOne's most important feature of Java 8 is the introduction of lambda expressions and Stream APIs, which now allow you to easily perform bulk data operations in Java.One of the main challenges developers face when writing code in the Java 8 style is using lambda expressions and Api Stream – that's where this course helps. This is a fully focused course that will teach you everything about the Stream API. This course covers iterations through the Stream, Max, Min, and Comparator Methods, Collectors, Filtering and Transform using filter, map, and flatmap methods. It also includes the findAny() and findFirst() methods, pulling statistics from your data and grouping data in SQL, such as Group By for example, reducing maps, and merging strings. Overall, it's a great course to learn about the Java 8 Stream API.3. What's New in Java 8If you have an annual pluralsight membership and are looking for a good course to start with Java 8, then What's New in Java 8 is a good course to start with. It provides a great overview of all the important features of Java 8, such as lambdas, streaming, constructor methods and references, new Date and Time APIs, default and static interface methods, etc. It even includes a change of Java FX and JavaScript engine, Nashorn, which is added in JDK 8.If you don't have a Pluralsight membership, then you get this course for FREE by signing a pluralsight free trial, which gives you free access to the Pluarlsight course for 10 days.4. From Collections to Streaming in Java 8 Using Lambda ExpressionsThis is another Java 8 course by Jose Paumard, author of the previous Java 8 course. This course shows new patterns introduced in Java 8 based on lambda expression, functional interface, new and modified Collection Framework, and newly introduced Api Stream. Java 8 has changed the way you write code in Java, and that is why many standard Java idioms are now outdated. This course will teach you new patterns for building efficient and clean Java applications.5. The Complete Java MasterClass — Updated for Java 10This is not only a new feature course on Java 8 but the most comprehensive course for learning Java. If you are a beginner and started with Java 8, then I recommend this course to get started. It is also constantly updated. This course now covers Java 8 and Java 9, but I hope it also includes Java 10 features soon. It is detailed, comprehensive and covers most of the topics that should be familiar with Java, e.g. Core Java, Collection, Concurrency, File IO, internal JVM, and more. In short, it offers a complete course to learn Javanese from scratch. That's it for the best course for learning Java 8 online. These courses will quickly teach you the essential features of JDK 8, such as lambda expression, default methods, reference methods, functional interface, and new Date and Time APIs. While you need to focus more on lambda and Stream to make the most of Java 8, it is also a key skill and is often tested in Java interviews. Java Resources and Other Programming You Might Like:5 Free Spring Framework Courses for Java Developers5 Courses for Learning Big Data and Apache SparkTop 5 Courses for Learning Design Patterns in Java5 Free Data Structure and Algorithms Course5 Free Linux Courses for Programmers and Developers5 Free Courses for Learning React JS FrameworkTop 5 Courses for Learning Spring Boot in 2018Top 5 Courses to learn Web Development in 2018Closing NotesThanks , you made it to the end of the article ... Good luck with your Java Programming journey. It certainly won't be easy, but by taking this course, you're one step closer to becoming the Java Developer you've always wanted to be. If you liked this article, then please share it with your friends and colleagues, and don't forget to follow javinpaul on Twitter!P.S. - If you need some FREE resources, you can check out this list of free Java 8 and Java 9 courses to start your preparation. Join Hacker Noon Create your free account to unlock your custom reading experience. Experience.