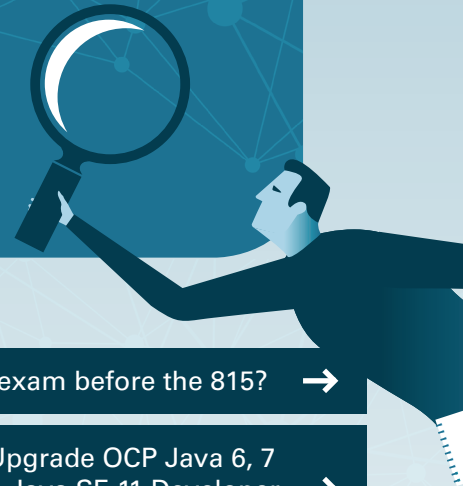




# Java SE 11 Certification Questions Answered



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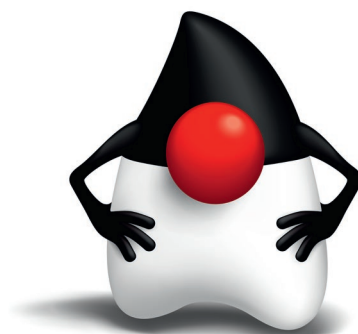
## 1 Why should I get Java Certified?

Skilled Java Developers are in demand and will remain in demand. The [US Department of Labor](#) estimates that employment of software developers is projected to grow 24 percent between 2016 and 2026, much faster than the average for all occupations. Two years into this projection, with developers already in short supply, a technical skillset is becoming even more desirable.

An emphasis on a solid understanding of technology will be key to a company's continued innovation and bid to stay ahead. Oracle University's (OU) Java courses and the unmatched professional expertise of OU instructors are here to help grow your technical skills.

A Java certification is a validation of your skills. With a certification in-hand, you have a clear way to show employers how and why you are prepared for the job.

Also, with Java being the #1 programming language, you'll have an enormous supportive community and robust documentation.





## 2 What has Oracle done for Java?

Oracle continues to revolutionize the way you work in Java, adding functional programming via lambda expressions in Java SE 8, and modularity in Java SE 9.

Feature wise, Java SE 11 is the first long-term support version to feature modularity. You can look forward to short-term support enhancements approximately every six months, and a new long-term support version approximately every three years. New Java language specs are developed in accordance with the Java Community Process.

Oracle's newly launched [Groundbreakers / Developer Community](#) highlights interesting, cutting-edge use-cases and passionate developers. This community encourages the sharing of experiences and ideas that sets Java Developers apart.

New Java language specs are developed in accordance with the Java Community Process. Anyone can join the community and participate.

## 3 Why do I have to take two exams to earn Java Certification now?

In order to be a Professional Java Developer, candidates need the skills covered in both exams – Java SE 11 Programmer I and Java SE 11 Programmer II.

In the past, candidates were taking the Programmer I exam to earn the Oracle Certified Associate (OCA) credential and not continuing on to Oracle Certified Professional (OCP). Programmer I is only half the journey. While there are very talented Java OCAs, a typical OCA does not have the same high level of skills and knowledge of an OCP.

The intention of the Java Developer certification at Oracle has always been to present the full stable of skills and knowledge through the OCP credential.

Now that there is no longer a stopping point at the OCA level of certification, we hope to encourage candidates to complete the Java Certification journey by passing the Programmer II exam and gaining the full skill set of a Professional Java Developer. This allows you to enjoy the full benefits of being a Professional Java Developer in jobs, promotions, credibility, performance, and job satisfaction.

## 4 Will there no longer be an Oracle Certified Associate (OCA) credential awarded for passing the Programmer I exam?

There will no longer be an OCA credential awarded for Java SE. The Java SE 11 Programmer I exam will set the foundation for passing the Java SE 11 Programmer II exam.



## 5 Why is Oracle Certified Associate (OCA) in Java not enough? Why is Oracle pushing the Oracle Certified Professional (OCP) level of certification?

Oracle Certified Associate and Oracle Certified Professional are not two distinct disciplines. Rather, a Professional has more knowledge and experience than an Associate. The Programming I course and Java SE 11 Programmer I exam focus on fundamental Java topics that lay the foundation for a Java Developer job role. Stopping here, after Programmer I does not provide the full skills and knowledge required of a Java Developer.

The Programming II course and Java SE 11 Programmer II exam provide more-advanced layers of detail on previous topics and go into new advanced

topics such as Lambdas and Modularity. An estimate of 6-18 months of professional development experience is required to pass the Programmer I exam, and you'll need an estimated 12-24 months total of professional development experience in order to be prepared to pass the Programmer II exam.

Certification is a culmination of training, practice, experience, and the ability to pass the exam. Paring down the certification to a single Java Developer certification at the Professional level really aligns more closely with what is required in the job role of an experienced Java Developer.

## 6 What does a day in the life of a Java Developer look like?

The answer to this question depends a little on the company, and a lot on where the product is in development.

A Java Developer may start each day with a standup meeting where everyone on the team shares their status: what have they been working on, what do they hope to get done that day, and if there are any issues blocking their progress.

- Early in the project, Java Developers may find themselves creating prototypes or writing out plans.
- Mid-project, they are likely implementing features starting with those ranked high-priority. When it's

time to review their progress, they consider what remaining features to implement and what features to cut.

- Some projects have a hard ship-date. As the to-do list of new features shrinks and the end of the project nears, it becomes dangerous to continue writing new features. At this point Java Developers find themselves fixing bugs, starting with the highest priority.
- Some projects are continually supported. Java Developers should treat each development phase with caution towards the end, avoiding new features before updates go live. They ensure all features are thoroughly tested and debugged.

## 7 Are there still 10 days of training, even though there is only one credential awarded?

Yes. The 5-day Programming I course is important to prepare for the Programmer I exam. And the 5-day Programming II course is important to prepare for the Programmer II exam.

## 8 Can I take the 816 exam before the 815?

It will benefit you the most to prepare for and take the Java SE 11 Programmer I | 1Z0-815 exam before taking Java SE 11 Programmer II | 1Z0-816. However, exams can be taken in any order.



## 9 Who can take the Upgrade OCP Java 6, 7 & 8 Programmer to Java SE 11 Developer | 1Z0-817 upgrade exam?

Candidates who hold the Oracle Certified Professional, Java SE 6, 7, or 8 Programmer credential can upgrade to Oracle Certified Professional, Java SE 11 Developer by passing Upgrade OCP Java 6, 7 & 8 Programmer to Java SE 11 Developer | 1Z0-817.

This exam focuses on the most important of the newest features of Java.

Take a look at the table below for paths to Oracle Certified Professional, Java SE 11 Developer from other starting points, as well as recommended training:

How do I earn Java SE 11 OCP if	Training Path	Training Path Alternative	Exam
I am Java SE 8 OCP	Java SE: Exploiting Modularity and Other New Features Java 11: New Features (free video)		1Z0-817
I am Java SE 7 OCP	Java SE 11 Programming II Java SE 11 New Features webinar	Java SE 8 New Features Java SE: Exploiting Modularity and Other New Features Java 11: New Features (free video)	1Z0-817
I am Java SE 6 OCP	Java SE: Programming II Java 11: New Features (free video)		1Z0-817
I am OCP on a version earlier than Java SE 6	Java SE: Programming II Java 11: New Features (free video)		1Z0-815 1Z0-816
I am Java SE 7 or 8 OCA	Java SE: Programming II Java 11: New Features (free video)		1Z0-816
I am OCA on Java SE 5/6 or an earlier version	Java SE: Programming I Java SE: Programming II		1Z0-815 1Z0-816
I have passed Java SE 8 Programmer II but not Programmer I	Java SE: Programming I Java SE: Programming II	Java SE: Programming I Java SE: Exploiting Modularity and Other New Features Java 11: New Features (free video)	1Z0-815 1Z0-817
I have passed Java SE 7/6 Programmer II but not Programmer I	Java SE: Programming I Java SE: Programming II	Java SE: Programming I Java SE 8 New Features Java SE: Exploiting Modularity and Other New Features Java 11: New Features (free video)	1Z0-815 1Z0-817
I have passed Programmer II on a version earlier than Java SE 6 but not Programmer I	Java SE: Programming I Java SE: Programming II		1Z0-815 1Z0-816

## 10 Will there be Learning Subscriptions for the Java SE 11 exams?

There are Java SE 11 courses available now. Learning Subscriptions are still in development. Oracle is committed to providing the best, most thorough training possible.

There will be a Learning Subscription available soon for Java SE 11 that allows students 24/7 access to continually updated Java learning. The Learning Subscription will integrate certification, providing the Programmer I and II exams as part of the offering.



## 11 As a student or young professional, why should I learn Java?

Coding skills are at the core of innovation that is changing the world. Learning Java can put you at the forefront of this innovation! 15 billion devices run Java . Applications include robotics, web services, mobile apps, Internet of Things (IoT), and so much more!

Coding skills are in high demand. OU can help prepare you for a promising technical career. OU Java courses are offered by expert instructors. OU Java certification is an industry-recognized credential to distinguish yourself when you apply for a job.

Java coding skills are in demand. Java certification is an industry-recognized way to distinguish yourself when it comes time to start looking for gainful employment.

Do you have entrepreneurial aspirations? It is highly worth considering Java from the start. Young

Java Developer salaries in United States

**\$102,424 per year**

Based on 14,268 salaries



Java Developer salaries by company in United States

From Indeed.com January 2019

companies may be tempted to use trendy new languages, only to realize later they need the scalability and performance of Java as the business grows.

## 12 As an experienced Java Developer, why should I pursue Java Certification?

It is no secret that Java skills are in demand. The potential for a promotion, a raise, or a better job are entirely possible.

You will also gain the knowledge you need to earn more credibility, perform better in your daily job, and lead your team and company forward.

## 13 Why should I upgrade to Java SE 11? How will this differentiate me from Java OCPs on other versions?

The uptake of Java SE 11 and modularity is underway. If you want your expertise at the forefront of Java technology, the Java SE 11: Exploiting Modularity and Other New Features course and upgrade exam will get you there.

Java SE 8 brought the benefits of functional programming through lambda expressions and streams. Now, Java ushers in the additional benefits of modularity.

Modularity adds a higher level of aggregation above packages, with mechanisms to address reuse, reliability, maintainability, and security. Java SE 11 provides other convenient API enhancements.

This course also discusses the recent addition of JShell. JShell is a that is allows you to quickly run code experiments and test unfamiliar APIs.

## 14 What certification preparation materials are available?

The Java Programming I and Programming II courses are currently available, and are terrific tools to help you prepare not only for your exam, but for your job as a Java Developer.

An updated Java Learning Subscription is coming soon!