


<b>Course Name</b>	<b>JAVA PROGRAMMING - BEGINNER TO EXPERT</b>	
<b>About the Course</b>	Java is a versatile, platform-independent programming language widely used for developing applications in various domains, from web to mobile and enterprise solutions. This course is a structured, chronological course for mastering Java. programming, starting from the basics to advanced concepts, along with project suggestions to apply what you've learned	
<b>Key Skills You Will Learn</b>	Learn Java - Its Ecosystem, Object Oriented Programming Concepts, MVC Pattern, Java GUI Frameworks, Java Libraries, Java Keywords, the most popular programming language and for Data ScieDatabase Connectivity, Java Server Pages and Servlets, Exception handling, Java Building Tools	
<b>Course Pre-Requisite</b>	No pre-requisite	
<b>Target Audience</b>	Anyone who wants to be a Software Developer and/or wants to learn Python programming language and its application into Data Science, Data Analytics, Software Development, Data Engineering, AI, and DevOps as well as get into a number of Software Development job roles	
<b>Job prospects with this role</b>	Junior Java Developer, Java Developer, Java Software Developer, Back-end Java Developer, Java Senior Developer, Java Software Architect	
<b>Course Duration</b>	~ 60 Hrs	
<b>Course Customisation</b>	Course customisation (as needed by the student) is possible. Pls. contact us for the customised course curriculum, duration and fees	
<b>Certification</b>	READYBELL Java Developer Certificate	
<b>Mode of Training</b>	Instructor-led 100% Online or 100% Classroom (Salt Lake, Kolkata - India) or hybrid mode (Online + Classroom) as suitable for the learner	
<b>Course Fees</b>	Please contact us	
<b>Refund Policy</b>	Get a 3-day free trial during which you can cancel at no penalty. After that, we don't give refunds	
<b>Job Assistance</b>	Mock Interviews (pertaining to the course) from Industry Leaders, Job leads with extensive interactions with Industry Leaders working in the course relevant field, Job Guidance, Techniques of resume preparation, Networking,	
<b>Contact</b>	<b>READYBELL SOFTWARE SERVICES PVT. LIMITED</b> <b>AH 12, SALT LAKE SECTOR 2, KOLKATA (INDIA) - 700 091</b> <b>E-MAIL: <a href="mailto:contact@readybellsoftware.com">contact@readybellsoftware.com</a></b> <b>PH: +91 - 9147708045/9674552097, +91 - 33-79642872</b>	 Software Services Pvt. Ltd.

CURRICULUM			
Topic	Sub-Topic	Duration (Hrs)	
<b>JAVA PROGRAMMING - BEGINNER TO EXPERT</b>	<b>Introduction to Java</b>	60 Hrs	
	What is Java?		
	Setting Up Java Environment		
	<b>Basic Java Syntax and Fundamentals</b>		
	Hello World		
	Data Types		
	Variables		
	Operators		
	Control Structures		
	Comments and Code Formatting		
	<b>Object-Oriented Programming (OOP) in Java</b>		
	Classes and Objects		
	Constructors		
	Methods		
	Encapsulation		
	Inheritance		
	Polymorphism		
	Abstraction		
	<b>Java Core Concepts</b>		
	Exception Handling		
	Packages		
	Input/Output		
	Collections Framework		
	Generics		
	Wrapper Classes		
	Java 8 Features		
<b>Multithreading and Concurrency</b>			
Threads			
Synchronization			
Inter-thread Communication			
Concurrency Utilities			

	<b>Advanced Java</b>	
	Java Networking	
	JDBC Java Database Connectivity)	
	JavaFX and GUI	
	Java Annotations	
	JVM Internals	
	Spring Boot, REST APIs, and Hibernate	
	<b>PROJECTS</b>	
	Basic Calculator	
	Bank Management System	
	Library Management System	
	Student Database Management	
	Chat Application	
	Expense Tracker	
	E-commerce Application Backend	
	<b>Quiz/Assessments</b>	
	Quiz/Assessments	
<b>To register for this course please e-mail/call us</b>		