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Java Programming- Java SE 8 (OV-109)

Duration:	4 Months*	**Fee:**	
Eligibility:	Undergraduates/ graduates/ working professionals/ engineers		
Job opportunities:	*On completing this course, you can build a successful career as **Java Programmer**.*		

Evaluation Strategy:

***Award of* Grades**

PASS	CREDIT	DISTINCTION
Overall Weighted Marks >= 40% but < 60% qualifies for **PASS**	Overall Weighted Marks >= 60% but < 75% qualifies for **CREDIT**	Overall Weighted Marks >= 75% but < 60% qualifies for **DISTINCTION**

Note: To attain a PASS/CREDIT/DISTINCTION grade, a student should achieve at least 40% in Final Examination; otherwise he/she will be declared as 'Referred'.

Learner's Guide (eBook)

Course Content

Fundamentals of Java	Object oriented Programming with Java
1. Develop classes and how declare classes 2. Create a Java class 3. Understand the benefits of using an IDE 4. Declare and initialize variables 5. List and understand the different data types 6. Understand the major operators 7. Understand the use of decision making and loop constructs 8. Work with Arrays and String classes 9. Understand the use of packages and access specifiers 10. Use inheritance to declare and define a subclass for a superclass 11. Understand nested class 12. Describe error handling in a Java program 13. Explain the new Date and Time API 14. Explain the Functional programming features of Java 8 15. Explain the new Features of Java	1. Explain Exceptions and Assertions 2. Implement Java I/O operations 3. Explain on how to build database applications with JDBC 4. Describe Thread implementation in Java 5. Explain the role of Lambdas in refactoring Java 6. Explain Swing API 7. Describe Concurrency and Parallelism in Java 8. Define Class Design 9. Describe Java Data Structures 10. Understand Java Logging API and ResourceBundle 11. Explain JavaDoc 12. Describe how to work with Lambda

Documents Required:

1. All educational certificates
2. Age proof
3. Residential address proof (Permanent and Current)
4. Two Passport size Photograph

Pay your fee Offline as well as Online, For Online Payment Scan QR Code