



JAVA SYLLABUS (CORE JAVA, ADVANCED JAVA)

CORE JAVA

DAYWISE CONTENTS OF CORE JAVA	
DAY	TOPICS
1.	- History of Java, Features of Java - C++ vs. Java, Hello Java Program - Program Structure, How to set path?, JDK, JRE and JVM
2.	Variable and Data Type, Operators
3.	Java Autoboxing and Unboxing, Arrays
4.	- Java - Decision Control Statement - Java - Looping Statements - Java - Loop Control Statements
5.	Oops Concepts , Encapsulation, Abstraction
6.	Inheritance, Polymorphism
7.	Constructor, static keyword, this keyword, super keyword, Instance Initializer block, final keyword
8.	- Abstract class, Interface - Abstract vs. Interface
9.	Java Wrapper Classes, Package ,Access Modifiers
10.	I/O Operations, String Manipulation
11.	Annotation and Enum, Exception Handling
12.	Multithreading, Java Reflection API, Serialization in Java
13.	COLLECTIONS
14.	COLLECTIONS
15.	AWT
16.	AWT
17.	SWING
18.	SWING
19.	SWING
20.	SWING



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ADVANCED JAVA

DAYWISE CONTENTS OF ADVANCED JAVA	
DAY	TOPICS
JDBC	
1.	- JDBC Introduction - JDBC Drivers
2.	Oracle introduction
3.	Oracle basic operation commands
4.	- DB Connectivity Steps - Connectivity with Oracle
5.	Connection
6.	Statements
7.	ResultSet
8.	Transaction Management
9.	Batch Processing
10.	REVISION
SERVLETS	
11.	Servlet introduction
12.	- Servlet Life Cycle - Servlet Example
13.	- Servlet Interface - GenericServlet - HttpServlet
14.	ServletRequest
15.	ServletResponse
16.	Session Tracking
17.	Event and Listener
18.	Servlet Filter
19.	- ServletConfig - ServletContext
20.	REVISION

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JSP	
21.	• JSP introduction • JSP Life Cycle • JSP Example
22.	• JSP scripting elements
23.	• 9 Implicit Objects
24.	• JSP Directive Elements
25.	• Action Elements
26.	• Expression Language
27.	• MVC in JSP
28.	• JSTL
29.	• JSP Custom tags
30.	REVISION

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