



CJC

Complete Java Classes

-BY KUNAL SIR.



Java



CORE JAVA SYLLABUS



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About Us



Mr. Kunal Sonu, the Director of Complete Java Classes has Masters degree in Computer Application. He has 12+ years of experience as a certified trainer in Java/J2EE technologies. We provide this industry level knowledge to our valuable candidates which is helpful for candidates to getting placed in the IT industry. Complete java classes by kunal sir is IT carrier building platform for students and job seekers. We have a team of highly skilled and professional trainers so we can provide a better assistance of our students.



Why we are?

- 👉 Expert and professional trainers.
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- 👉 Conduct weekly mock interview sessions.
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CORE JAVA

JDK1.8 NEW FEATURES



OOPS



EXCEPTION HANDLING



STRING HANDLING



COLLECTION FRAMEWORK



INPUT OUTPUT

SYNCHRONIZATION



MULTITHREADING



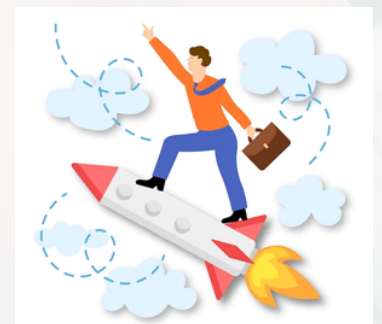
LOGICAL



SQL



JDBC API



GET YOUR DREAM JOB

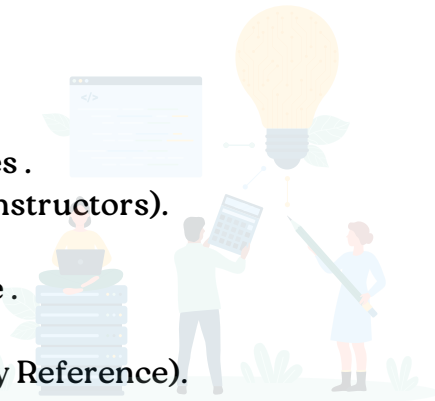
1. JDK1.8 NEW FEATURES

Java 8 Interface default method.
Java 8 Interface static Method .
Java 8 Functional Interface.
Java 8 Lambda Expression.
Java 8 for Each () Method.
Java 8 Stream API.
Java 8 Collection.
Important Features of Java.



2. INTRODUCTION TO JAVA

History of Java.
Important Features of Java.
Architecture JDK , JRE and JVM.
Java Keywords.
Simple Hello World Program.
Java Flow Control.
java Source File.
Class and Objects.
Data Types .
Primitive Data Types.
Non - Primitive Data Types .
Constructor (Types of Constructors).
Packages.
Instance & Static Variable .
Static Block.
Has-A Relation(Secondary Reference).
Setter and Getter .
Method return type (primitive type and class type) .



4. OBJECT ORIENTED PROGRAMMING (OOPS)

Inheritance (IS-A).
Inheritance With Constructor.
Inheritance with parent & Child reference.
Covariant Return Types.
Inheritance and type casting .
This & Super Keyword.
Polymorphism.
Method Overloading.
Constructor Overloading.
Compile time Polymorphism.
Overloading and Narrowing Concept.
Overriding and toString () method.
Abstraction.
Abstract class.
Interface.
Marker Interface.
Interface and Multiple Inheritance.
Interface Uses and Benefit with example.
Difference between Interface and Abstract class .
Encapsulation.
Access Modifier.
Data Hiding.
Access Modifier Implementation.

OOPs Project

5.STRING HANDLING

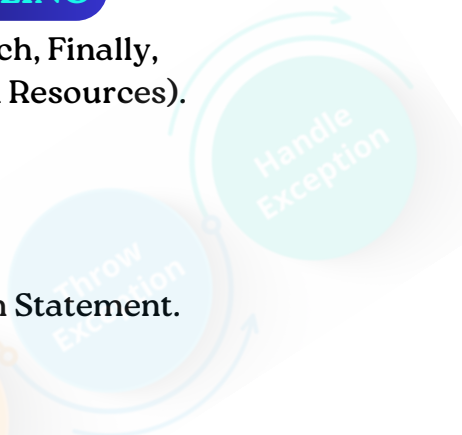
Introduction of String .
Methods Of String Class.
Way of Creating String Object.
Create Custom Immutable Class.

6.COLLECTION FRAMEWORK

java Collection
List
-ArrayList, Vector and LinkedList,
NestedList .
List Sorting & Duplicate.
Set
-HashSet,TreeSet and LinkedHashSet
Nested Set.
Map
-HashMap and LinkedHashMap ,
ConcurrentHashMap,WeakHashMap.

3. EXCEPTION HANDLING

What And Why? (try, Catch, Finally,
Throw, Throws, Try With Resources).
Try And Catch Block.
Multiple Catch Blocks .
Nested Try.
Finally Block.
Finally Block With Return Statement.
Throw Keyword.
Exception Propagation.
Throws Keyword.
Throws Keyword With Method Overriding .
Throws Keyword With Constructor.
Throw Keyword With Custom Exception.
Jdk 1.7 Feature Auto Closeable Interface.
Jdk 1.7 Feature Try With Resources .



Cursors Types

Iterator.

List Iterator.

Enumeration.

Java Collections (Utility Class).

Comparable & Comparator.

Custom Sorting.

Collection And Generics.

Collection Project

7. MULTI THREADING

Introduction of Multithreading.

Extends Thread Class.

Implementing Runnable Interface .

Implementing Callable Interface .

Thread Communication (producer-consumer).

Thread Methods (sleep, Join, Yield etc.).

8. SYNCHRONIZATION

Introduction of Synchronization.

Synchronized Method.

Synchronized Block.

Static Synchronization.

9. LOGICAL

Operators

Java Ternary Operator.

if , if Else and nested If Else and ladder.

Switch Statement .

Conditional Related Problems.

Looping Control.

Java For Loop .

Java While Loop.

Java Do While Loop.

Java Break Statement.

Looping Related Problems.

Array

Array Related Problems.

Numeric Logical Problems.

String Logical Problems.

(String Palindrome, Duplicate Removal).

Sorting Problems.

Searching Problems.

File Related Logical Problems.

10. INPUT AND OUTPUT

Introduction of File class.

File Writer & File Reader.

Input From Keyboard By Console.

Input From Keyboard By Scanner Class.

Print Writer Class.

Reading And Writing Data Simultaneously.

11. JDBC API

Introduction Of JDBC .

JDBC Drivers.

Steps To Connect Database In Java.

Connectivity With Oracle.

Connectivity With MySQL.

Driver Manager.

Connection Interface.

Statement Interface .

Prepared Statement .

Callable Statement .

JDBC CRUD Operations .

JDBC Project

12. SQL

Database Introduction.

SQL Introduction .

SQL Features.

MYSQL Introduction.

MYSQL Installation.

Data Types.

DDL,DML,DCL.

Create Table.

Select Statement.

Insert Statement.

Delete Statement.

Update Statement.

DISTINCT and WHERE Clauses.

ORDER BY and GROUP BY Clauses.

SQL JOINS.

SQL Outer Join.

SQL Inner Join.

SQL Left Join.

SQL Right Join.

SQL Full Join.

Stored Procedure.





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Student Reviews

Best classes in pune.



Prashant Warungase

CJC is the best classes in Pune for Java full stack. The teaching staff is so supportive and friendly. They give there best to developed students languages and I suggest to get your admission in CJC by Kunal sir to get best education of language.

Nice environment.



Chandramani Katkamble

Class environment is very nice....all staff is cooperative and Kunal sir helped to build confidence in java proگرامing although i am from non tech background also the practical guidance is very good specially Mr.Nandkishor sir guides personally every student.

Best Institute



Navista Kusur

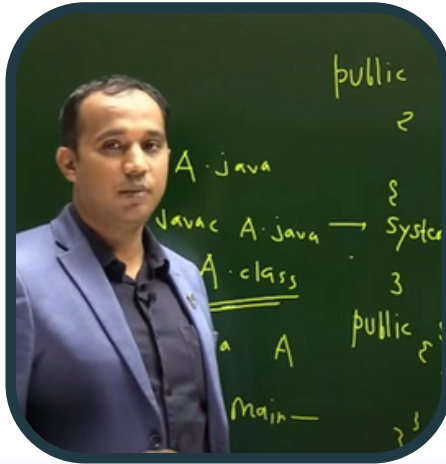
CJC institute is the best class in Pune.The teaching staff is very supportive and friendly.They give best training.I suggest give admission in cjc by Kunal sir to get the knowledge about languages

Encouraging sessions



Amit Bodake

CJC is one of best platform for learning full stack developer and environment of teaching and practical session is encouraging for students



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