

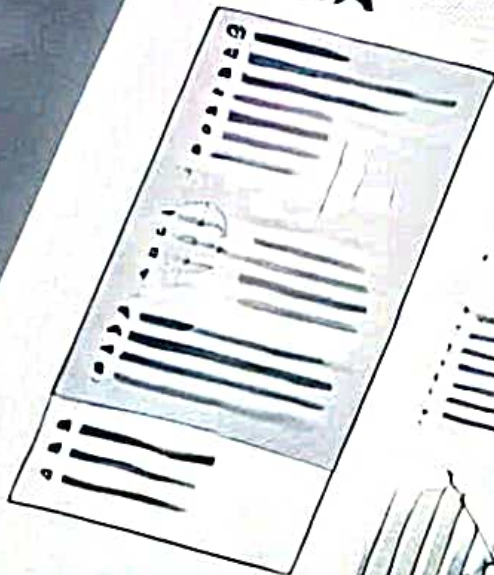
JAVA

WILEY A100

# JAVA

## HANDWRITTEN NOTES

JAVA



JAVA NOTES



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NOTES



# Core Java

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# Java Programming

## Core Java :-

### Java Introduction :-

\* What is Java?

Java is a class-based, object-oriented programming language.

Features of Java :-

- 1) Simple :- It is very easy to learn and its syntax is simple.
- 2) Object Oriented :- Everything in Java is an object. It means they organize software as a combination of different data types of objects.
  - \* Java is not fully object-oriented programming language as it supports primitive datatypes.
- 3) Portable :- It facilitates you to carry the Java bytecode to any platform. It doesn't require any implementation.
- 4) Platform independent :-
- 5) Secured :-
- 6) Robust :- Java is robust because :-
  - It uses strong memory management.
  - Provides automatic garbage collection which runs on JVM to get rid of objects which are not used.
  - There are exception handling and type checking mechanism, which makes Java robust.
- 7) Architecture-neutral :- There are no implementation independent features.
- 8) Interpreted :-
- 9) High Performance :-
- 10) Multi-threaded :-
- 11) Distributed :-
- 12) Dynamic :-