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INFORMATION TECHNOLOGY FOR CLASS 12

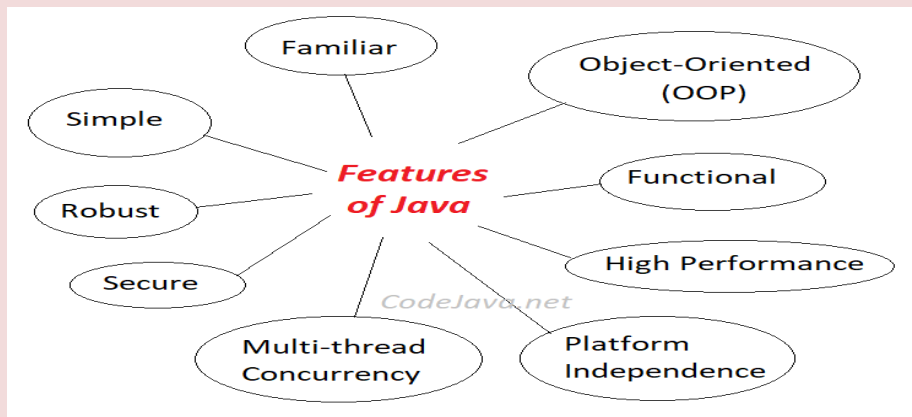
(Study materials)

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UNIT – 3: FUNDAMENTALS OF JAVA PROGRAMMING

- ❖ **Introduction to java** : Java is an Object-oriented programming language: Unlike C++ which is semi object oriented, Java is a fully object oriented programming language. It has all OOP features such as abstraction, encapsulation, inheritance and polymorphism



- ❖ **Java** is portable , architecturally neutral, high performing Unicode, object oriented language.

Some of the main characteristics of Java are as follows

- Java is easy to write and more readable and eye catching.
- Java has a concise, cohesive set of features that makes it easy to learn to use.
- Java program cannot harm other system just making it secure.
- Java provides a secure means of creating Internet applications.
- Java provides secure way to access web applications.
- Java programs can executive in any environment for which there is a java run-time system(JVM)
- Java programs can be run on any platform(Linux, windows, Mac)
- Java programs can be transferred over world wide web (e.g. applets)
- Java programming is object oriented programming language

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