**Java Features**

**Simple**

* Easy to learn and its syntax is simple, clean and easy to understand.
* According to sun micro systems, Java is simple because of following reasons
  + Java syntax is based on C++
  + Java has removed many complicated concepts like – Explicit pointers, operator overloading etc.
  + There is no need to remove unreferenced objects because, there is an Automatic Garbage Collection in java. **(In old technologies, any object created should be freed up or space allocated should be freed up by developer explicitly)**

**Object-oriented**

Java is an object oriented programming language. Everything in java is an object.

Object oriented means, we organize our software as a combination of different types of objects that incorporates both data and behavior.

Basic concepts of OOPs:

1. Abstraction
2. Encapsulation
3. Inheritance
4. Polymorphism

**Platform independent**