# Chapter 1: Java 8 : why should you care?

## Introduction:

With the introduction of JDK 1.0 (Java 1.0) in 1996, Java has amassed a sizable user base of students, project managers, and programmers. It's an expressive language that's still utilized for big and little projects. Its progress (through new feature additions) from Java 1.1 (1997) to Java 7 (2011) has been properly handled. In March of 2014, Java 8 was released. So the issue is, why should you be concerned about Java 8? We contend that the changes in Java 8 are more fundamental than any other revisions in Java's history. The good news is that the improvements allow you to write programs more easily—rather than writing lengthy code. There is also a hardware influence: commodity CPUs have become multicore, which means that the processor in your laptop or desktop computer likely has four or more CPU cores. Yet, the majority of existing Java applications use only one of these cores, keeping the other three inactive.  allocate a small portion of their processing power running an operating system or virus scan).