1.What is Java?

Java is a **programming language** and a **platform**. Java is a high level, robust, object-oriented and secure programming language. Java was developed by *Sun Microsystems* (which is now the subsidiary of Oracle) in the year 1995. *James Gosling* is known as the father of Java. Before Java, its name was *Oak*. Since Oak was already a registered company, so James Gosling and his team changed the name from Oak to Java.

Platform: Any hardware or software environment in which a program runs, is known as a platform. Since Java has a runtime environment (JRE) and API, it is called a platform.

Application

According to Sun, 3 billion devices run Java. There are many devices where Java is currently used. Some of them are as follows:

- 1. Desktop Applications such as acrobat reader, media player, antivirus, etc.
- 2. Web Applications such as irctc.co.in, javatpoint.com, etc.
- 3. Enterprise Applications such as banking applications.
- 4. Mobile
- 5. Embedded System
- 6. Smart Card
- 7. Robotics
- 8. Games, etc.