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| **Java Introduction** |
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| List out all the Java Platforms / Editions? |
| There are 4 platforms or editions of Java:  1) Java SE (Java Standard Edition)  It is a java programming platform.  It includes Java programming APIs such as java.lang, java.io, java.net, java.util, java.sql, java.math etc.  It includes core topics like OOPs, String, Regex, Exception, Inner classes, Multithreading, I/O Stream, Networking, AWT, Swing, Reflection, and Collection etc.  2) Java EE (Java Enterprise Edition)  It is an enterprise platform which is mainly used to develop web and enterprise applications. It is built on the top of Java SE platform. It includes topics like Servlet, JSP, Web Services, EJB, JPA etc.  3) Java ME (Java Micro Edition)  Java Platform, Micro Edition (Java ME) provides a robust, flexible environment for applications running on mobile and embedded devices: mobile phones, set-top boxes, Blu-ray Disc players, digital media devices, printers and more.  4) JavaFx  It is used to develop rich internet applications. It uses light-weight user interface API. |
| History of Java |
| James Gosling,  Mike Sheridan,  Patrick Naughton  Initiated the Java language project in June 1991.   * The small team of sun engineers called Green Team. Originally designed for small, embedded systems in electronic appliances like set-top boxes. * Firstly, it was called "Greentalk" by James Gosling and file extension was “.gt”. * After that, it was called Oak. |
| Why Java was initially named as "Oak" |
| Why Oak?  Oak is a symbol of strength and chosen as a national tree of many countries like U.S.A., France, Germany, Romania etc.  In 1995, Oak was renamed as "Java" because it was already a trademark by Oak Technologies. |
| How "Java" got its name |
| * In 1995, Oak was renamed as "Java" because it was already a trademark by Oak Technologies. * The team gathered to choose a new name. The suggested words were "dynamic", "revolutionary", "Silk", "jolt", "DNA" etc. They wanted something that reflected the essence of the technology: revolutionary, dynamic, lively, cool, unique, and easy to spell and fun to say. * According to James Gosling "Java was one of the top choices along with Silk". Since java was so unique, most of the team members preferred java. * Java is an island of Indonesia where first coffee was produced (called java coffee). |
| Please list Java Version |
| JDK Alpha and Beta (1995)  JDK 1.0 (1996)  JDK 1.1 (1997)  J2SE 5.0 (2004)  Java SE 6 (2006)  Java SE 7 (2011)  Java SE 8 (2014)  Java SE 9 (2017)  Java SE 10.0.1 (2018) |