

Contents

- 1. Why Java**
- 2. C++ vs Java**
- 3. JDK, JRE & JVM**
- 4. JVM architecture**
- 5. OOP Concepts –C,O, DA, EN,Inheri, Polymorphism**
- 6. Coding Conventions**
- 7. Java Hello World {[s.o.p & p.sv.m()]}**
- 8. EvenOdd Programs**
- 9. Java Modifiers (No access specifiers)**
- 10. Constructor & Auto Garbage Collector (System.gc())**
- 11. Type Casting**
- 12. String, StringBuffer,StringBuilder**
- 13. Array**
- 14. Vector**

Contents

15. Exception Handling

- try, catch, finally, throw, throws

16. Inheritance

17. Super keyword

18. Final keyword

19. Method Overriding

20. Abstract Method

21. Abstract class

22. Interface

23. Interface vs Abstract class vs Concrete class

24. Constants

Assignments

Assignment: Image Steagno Project

❖ **Some Eclipse shortcuts**

<http://www.shortcutworld.com/en/win/Eclipse.html>

❖ **Java Comments and comment block**

❖ **Java Doc Creation**

❖ **How to create Jar**

❖ **Breakpoints - Debug**

- ❖ **Packages**
- ❖ **Applet**
- ❖ **Socket programming in Java**
- ❖ **Event handling and Layouts in Java**
- ❖ **Programs like calculator, Editor etc**
- ❖ **Collection Framework in Java**
- ❖ **Working with JDBC**
- ❖ **Working with MongoDB**

Thank you.....

