

Web Technology

Q1. What are the features of Java? How java is Platform Independent?

Q2. What is Command Line argument. Write a program to add two numbers taken from Command line argument and display their sum?

Q3. What are the different types of IF statements available in java? Explain with suitable examples?

Q4. What is Wrapper classes? What are the benefit to have wrapper classes?

Q5. Differentiate between Vector and Array?

Q6. Write a small program in java that read a string and rewrite it in the alphabetical order. For example, the word STRING should be written as GINRST.?

Q7. What is Function Overloading ? Write a program to overload the sum function with different parameter? Does return type has any significance in function overloading?

Q8. Differentiate between Run time Polymorphism and compile time Polymorphism? Write a program on Function Overriding?

Q9. What is the difference between AWT and Swing? In what way JButton is better than Buttons Class?

Q10. Write a short note on

- a) Toggle Button
- b) Combo Box
- c) Tabbed Panes
- d) Scrob Panes

Q11. What do you mean by Jar files? And how to extract class files from jar files?

Q12. Where does the Applet Class appear in the hierarchy of Java classes? Show this through a class hierarchy diagram? Write the advantages of applet programming?

Q13. Explain the life cycle of applet and explain with the help of Program?

Q14. What is check box? How would you put checkboxes on an applet? Explain how checkbox group is created in Java?

Q15. How you can get the Scrollbar on a swing component?

Q16. What is an event? Explain different components of an event?

Q17. Explain MVC architecture of Swing?

Q18. What is Threading ? Differentiate Between Multithreading and Multiprocessing?

Q19. Explain the life cycle of thread? What is synchronization ? can class be synchronized? Write a program of synchronized Block?

Q20. What is Inter Thread Communication write a program of the three methods of Interthread Communication?

Q21. What is Daemon Thread with example?

Q22. What is Difference between TCP and UDP Protocol? Write a program to send datagram packet from one end and receive of same packet another end?

Q23. Write a program on serverSocket and Socket class?

Q24. Write a program of transpose a matrix?

Q25. What is Layout Manager? Explain three layouts available in java. Also write a code with explanation to change the default layout of an applet to a card layout types of layout Managers in Java using examples?

Q26. What is URL Connection? Write a java Program to explain the process of reading from and writing to a URL?

Q27. What is Border Layout ? Write a java program which creates Border Layout and adds two text boxes to it?

Q28. Explain the different steps that are to be followed to establish a connection from a java program to a database?

Q29. What are types of Driver and explain with diagram?

Q30. Write a program to implement the ComboBox and add it to panel?