

Assignment 2

1. Describe any Five built-in functions of String class. (5)
2. Write a short note of String Buffer class and its methods with example. (5)
3. What is difference between notify and notifyall() (4)
4. Explain the concept of Threads. Discuss the creation and execution of threads. (7)
5. What do you mean by thread and multithread. Discuss Life cycle of Thread. (8)
6. "Synchronization is necessary to avoid Deadlock" Justify. Discuss about synchronization with example. (5)
7. How to set priorities of Threads ? What is difference between synchronous and asynchronous thread ? (5)
8. Explain inter-thread communication. (7)
9. Explain lifecycle of an Applet. (7)
10. Explain the class hierarchy of Applet class. Discuss how to pass parameters of Applet ? (7)
11. Write a note on applet and explain any three methods of Graphics class with example. (5)
12. What is difference between Applet and Application ? (5)
13. Write an applet code to display 5 different images. (5)
14. How Java restricts the access of classes and methods at package level using access modifiers ? (5)
15. What is Package ? How to create user defined package in Java ? (5)
16. Explain concept of exception in java. Discuss exception handling with suitable example. (8)
17. Write a program that generates ArrayIndexOutOfBoundsException, catch the exception and display error message. (5)
18. What is the difference between final, finalize and finally in java.