

PRACTICAL III: DATA STRUCTURES USING JAVA

Credits : 4

Hours : 60

Objective: To improve the Java language programming skills.

1. Find the largest and smallest number in an array
2. Factorial using recursion
3. Applet program to display slideshow.
4. String manipulations
5. Usage of calendar class and manipulation
6. Usage of vector class
7. Exception handling
8. Working with frames and controls.
9. Counting number of words, characters and lines in a file.
10. Database creation for sorting e-mail addresses and manipulation.
11. Demonstration of scope resolution operator.
12. Implementation of stack
13. Reverse the given string using stack
14. Conversion of infix to postfix expression
15. Evaluation of postfix expression
16. Implementation of Queue
17. Tree traversal