

ADITYA INSTITUTE OF TECHNOLOGY & MANAGEMENT, TEKKALI AUTONOMOUS

Lesson Plan

Class: II-II IT

Subject: OOP LAB

AY:2014-15

SNO	DATE	NAME OF THE EXPERIMENT
1	6-2-15	1.a) Write a java program to print factorial value of given integer.
		b)The Fibonacci sequence is defined by the following rule: The first two values in the sequence are 1 and 1. Every subsequent value is the sum of the two values preceding it. Write a java program that uses both recursive and non recursive functions to print the nth value in the Fibonacci sequence..
2	13-2-15	2.a) Write a java program that prompts the user for an integer and then prints out all prime numbers up to that integer. b) Write a java program that checks whether given string is palindrome or not.
3	20-02-15	3.a) Write a java program to illustrate overloading and overriding.
		b) Write a java program to create and demonstrate packages
4	27-03-15	4.a) Write a java program to implement inheritance concept sequence are 1 and 1. Every subsequent value is the sum of the two values preceding it. Write a java program that uses both recursive and non recursive functions to print the nth value in the Fibonacci sequence..
		b) Write a java program to implement concept of interfaces and abstract classes.
5	09-04-15	5. a) Write a java program that illustrates how java achieved run time polymorphism
		b) Write a java program to implement Exception handling mechanism.
6	09-04-15	b) Write a java program to implement Exception handling mechanism.
		6. a) Write a java program to illustrate multithreading and thread synchronization.
7	17-04-15	b) Write a java program that displays the number of characters, lines and words in a text file.
		7. Write a java program develop an applet that displays the simple message. 7. Write a java program develop an applet that displays the simple message. 8. Write a Java program for Handling Mouse Events
8	24-04-15	8. Write a Java program for Handling Mouse Events
9	01-05-15	9. Write a java program that allows the user to draw lines, rectangles and ovals.
10	30-05-15	10 Write a java program that creates three threads. First thread displayed “good morning” every one second ,the second thread displays “hello” every two seconds and the third thread

		displays” welcome” every three seconds
11	05-06-15	11. WJJP, using <i>StringTokenizer</i> class, which reads a line of integers and then displays each integer and the sum of all integers.
12	12-06-15	12. Develop an applet that receives an integer in one text field, and computes its factorial value and returns it in another text field, when the button named “compute” is clicked. r in one text field, and computes its factorial