

LAB SCHEDULE PLAN

Page No. | of 2

S.No	Experiment / Exercise Title	Proposed No. of Sessions
Ex: 1.	(a) Write a java program to display default values of all primitive datatypes of java. (b) Write a java program that display the roots of a quadratic equation $ax^2 + bx + c = 0$. Calculate the discriminant D on basing value of D describe the nature of root.	
Ex: 2.	(a) Write a java program to search for an element in a given list of elements using binary search mechanism. (b) Write a java program to sort for an element using bubble sort. (c) Write a java program using string buffers to delete, remove character.	
Ex: 3.	(a) Write a java program to implement class mechanism create a class, methods and invoke them inside main method. (b) Write a java program to implement method overloading. (c) Write a java program to implement constructor. (d) Write a java program to implement constructor overloading.	
Ex: 4.	(a) Write a java program to implement single inheritance. (b) Write a java program to implement multi-level inheritance. (c) Write a java program for abstract class to find areas of different shapes.	
Ex: 5.	(a) Write a java program. Give example for 'super' keyword. (b) Write a java program to implement interface what kind of inheritance can be achieved.	

Signature
with Date

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Principal

Principal

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Page No. 3 of 2

S.No.	Experiment / Exercise Title	Proposed No. of Sessions
	<p>(c) Write a java program that implements multiple polymorphisms.</p> <p>Ex: 6: (a) Write a java program that describes exception handling mechanism.</p> <p>(b) Write a java program illustrating multiple catch clauses.</p> <p>(c) Write a java program for creation of java building exceptions.</p> <p>(d) Write a java program for creation of user defined exceptions.</p>	
	<p>Ex: 7: (a) Write a java program that creates threads by extending thread class first thread display "Good morning everyone" second the second thread display "Hello every two seconds" and the third display "Welcome every three seconds" (repeat the same while implementing runnable)</p> <p>(b) Write a java program illustrating <code>isAlive()</code> and <code>join()</code>.</p> <p>(c) Write a java program illustrating daemon threads.</p> <p>(d) Write a java program produces consumer problem.</p>	
	<p>Ex: 8: (a) Write a java program that import and use the user defined packages</p> <p>(b) Without writing any code build a GUI that display text in label and image in an image view (use java FX)</p> <p>(c) Build a tip character app using several java above FX components and learn how to respond through mouse interacting with the GUI.</p>	

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