



St.Thomas College of Arts and Science



Koyambedu,Chennai-107

Lesson Plan

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Department : Computer Science , Shift II

Lesson Plan - 18 WEEKS (NOVEMBER 2019 - MARCH 2020)

Week	Date	Day	Class: II BCA (Java Programming , Semester IV)	Class : I BCA (Programming in C , Semester II)	Class: II BCA (Java Practical , Semester IV)
1	28-Nov-19	THURSDAY	Introduction to Java ,History of Java		
	29-Nov-19	FRIDAY	Features of Java	Writing Simple C Programs	Simple Java Programs
	30-Nov-19	SATURDAY	Basic Concepts of Object Oriented Programming		
	1-Dec-19	SUNDAY	HOLIDAY		HOLIDAY
2	2-Dec-19	MONDAY	Java Tokens-Java Statements-Constants		Writing Java Program to find a biggest number among any three numbers
	3-Dec-19	TUESDAY	Variables -Data Types	Arrays - One Dimensional	
	4-Dec-19	WEDNESDAY	Type Casting-Operators	Arrays - Two Dimensional	Writing Java Program to find a factorial value
	5-Dec-19	THURSDAY	Expressions		
	6-Dec-19	FRIDAY	Control Statements	Arrays - Multi Dimensional	Writing Java Program to remove a substring
	7-Dec-19	SATURDAY	Looping Statements		
	8-Dec-19	SUNDAY	HOLIDAY		HOLIDAY

3	9-Dec-19	MONDAY	Classes and Objects		Writing Java Program for determining perimeter and area of triangle
	10-Dec-19	TUESDAY	Classes and Methods	Passing Arrays to Function	
	11-Dec-19	WEDNESDAY	Constructors with Example Programs	Example Programs	Writing Java Program for ordering random numbers using random class
	12-Dec-19	THURSDAY	Method Overloading and Sample Programs		
	13-Dec-19	FRIDAY	Inheritance	Arrays and Strings	Program using Control statements
	14-Dec-19	SATURDAY	Overriding Methods	Structure: Definition and Syntax	
	15-Dec-19	SUNDAY	HOLIDAY		HOLIDAY
4	16-Dec-19	MONDAY	Finalizer and Abstract Method		Program using Looping Statements
	17-Dec-19	TUESDAY	Visibility Control	User Defined Data Types	
	18-Dec-19	WEDNESDAY	Arrays and Strings		Program for usage of Calender class and Manipulation
	19-Dec-19	THURSDAY	Vectors		
	20-Dec-19	FRIDAY	StringBuffer Class	Passing Structure to Function	Write a Java program using Constructor
	21-Dec-19	SATURDAY	Wrapper Classes	Example Programs using Structure	
	22-Dec-19	SUNDAY			
	23-Dec-19	MONDAY			
	24-Dec-19	TUESDAY			
	25-Dec-19	WEDNESDAY			
	26-Dec-19	THURSDAY			

5	27-Dec-19	FRIDAY	CHRISTMAS HOLIDAYS		CHRISTMAS HOLIDAYS
	28-Dec-19	SATURDAY			
	29-Dec-19	SUNDAY			
	30-Dec-19	MONDAY			
	31-Dec-19	TUESDAY			
	1-Jan-20	WEDNESDAY			
	2-Jan-20	THURSDAY			
6	3-Jan-20	FRIDAY	Interfaces with Programs		Write a Java program using function overloading
	4-Jan-20	SATURDAY	Packages-Creating Packages- Accessing a Package	Self Referential Structures	
	5-Jan-20	SUNDAY	HOLIDAY		HOLIDAY
7	6-Jan-20	MONDAY	INTERNAL ASSESSMENT-1		INTERNAL ASSESSMENT-1
	7-Jan-20	TUESDAY			
	8-Jan-20	WEDNESDAY			
	9-Jan-20	THURSDAY			
	10-Jan-20	FRIDAY			
	11-Jan-20	SATURDAY	Multithreaded Programming- Creating Threads-Stopping and Blocking a Thread	Unions and sample programs	Write a Java Program for Image Manipulation
12-Jan-20	SUNDAY	HOLIDAY		HOLIDAY	
8	13-Jan-20	MONDAY	PONGAL HOLIDAYS		PONGAL HOLIDAYS
	14-Jan-20	TUESDAY			
	15-Jan-20	WEDNESDAY			
	16-Jan-20	THURSDAY			
	17-Jan-20	FRIDAY			
	18-Jan-20	SATURDAY			
	19-Jan-20	SUNDAY			
	20-Jan-20	MONDAY	Life Cycle of a Thread	Bitwise Operations	
	21-Jan-20	TUESDAY	Using Thread Methods		Write a Java Program for String Manipulation using CharArray

9	22-Jan-20	WEDNESDAY	Thread Priority	Pointers - Declarations	
	23-Jan-20	THURSDAY	Synchronization		Write a Java Program for Database Creation to Store E-mail Address
	24-Jan-20	FRIDAY	Implementing the Runnable Interface		
	25-Jan-20	SATURDAY		Passing pointers to Functions	Writing a Java Program using vector classes
	26-Jan-20	SUNDAY	HOLIDAY		HOLIDAY
10	27-Jan-20	MONDAY	Managing Errors and Exceptions	Operation in Pointers	
	28-Jan-20	TUESDAY	Syntax of Exception Handling Code		Writing a Java Program using Interfaces
	29-Jan-20	WEDNESDAY	Using Finally Statement	Pointer and Arrays	
	30-Jan-20	THURSDAY	Throwing Our Own Exceptions		Writing a Java Program to create a Package and implement in another program
	31-Jan-20	FRIDAY	Applet Programming - Basics		
	1-Feb-20	SATURDAY			Write a Java Program using Thread based Application
	2-Feb-20	SUNDAY	HOLIDAY		HOLIDAY
11	3-Feb-20	MONDAY	Graphics Programming	Structures and Pointers	Write a Java Program using Exceptional Handling
	4-Feb-20	TUESDAY	Managing Input/Output Files		
	5-Feb-20	WEDNESDAY	Concept of Streams	Files : Creating, Processing	Write a Java Program using Synchronization
	6-Feb-20	THURSDAY	Stream Classes - Byte Stream Classes		

	7-Feb-20	FRIDAY	Character Stream Classes		Write a Java Program to create a text file
	8-Feb-20	SATURDAY	Programs using Streams	Opening and Closing a data file.	
	9-Feb-20	SUNDAY	HOLIDAY		HOLIDAY
12	10-Feb-20	MONDAY	INTERNAL ASSESSMENT-2		INTERNAL ASSESSMENT-2
	11-Feb-20	TUESDAY			
	12-Feb-20	WEDNESDAY			
	13-Feb-20	THURSDAY			
	14-Feb-20	FRIDAY			
	15-Feb-20	SATURDAY	Using the File ClassCreation of Files	Multifile Programs	Write a Java Program to create a data file for generating electricity bill
	16-Feb-20	SUNDAY	HOLIDAY		HOLIDAY
13	17-Feb-20	MONDAY	Random Access Files		
	18-Feb-20	TUESDAY	Other Stream Classes	Class test	Write a Java Program to create a data file for generating telephone bill
	19-Feb-20	WEDNESDAY	Network basics		
	20-Feb-20	THURSDAY	socket programming		Writing a simple java programs using Applets
	21-Feb-20	FRIDAY	proxy servers	Example Programs on pointers	
	22-Feb-20	SATURDAY	TCP/IP – Net Address	Programs On Sequential Files	Writing an applet program using Frames and Controls
		23-Feb-20	SUNDAY	HOLIDAY	
	24-Feb-20	MONDAY	URL		
	25-Feb-20	TUESDAY	Datagrams	Programs on Structure and Union	Writing an applet program using dialog box and menus

14	26-Feb-20	WEDNESDAY	Java Utility Classes		
	27-Feb-20	THURSDAY	Introducing the AWT		Writing an applet program using colors and fonts
	28-Feb-20	FRIDAY	Working with Windows	Class Test on Pointers	
	29-Feb-20	SATURDAY	Working with Graphics	Class test on Arrays	Writing a simple socket programs
	1-Mar-20	SUNDAY	HOLIDAY		HOLIDAY
15	2-Mar-20	MONDAY	Working with Text		
	3-Mar-20	TUESDAY	AWT Classes	Revision on Unit III	Writing an applet program to draw various shape controls
	4-Mar-20	WEDNESDAY	Working with Frames		
	5-Mar-20	THURSDAY	Working with Graphics		Write an applet program for Panel and Layout
	6-Mar-20	FRIDAY	Working with Colors and Fonts	Revision on Unit IV	
	7-Mar-20	SATURDAY	AWT Controls	Revision on Unit V	Write an applet program for simple calculator
	8-Mar-20	SUNDAY	HOLIDAY		HOLIDAY
16	9-Mar-20	MONDAY	INTERNAL ASSESSMENT- 3		INTERNAL ASSESSMENT- 3
	10-Mar-20	TUESDAY			
	11-Mar-20	WEDNESDAY			
	12-Mar-20	THURSDAY			
	13-Mar-20	FRIDAY			
	14-Mar-20	SATURDAY	Layout Managers and Menus	Assignment Correction	Write an applet program for AWT Controls
15-Mar-20	SUNDAY	HOLIDAY		HOLIDAY	
17	16-Mar-20	MONDAY	SOFT SKILL TEST		SOFT SKILL TEST
	17-Mar-20	TUESDAY	Preparation for NME	Preparation for NME	
	18-Mar-20	WEDNESDAY	NME TEST		NME TEST
	19-Mar-20	THURSDAY	Class Test on Unit II ,III		

17	20-Mar-20	FRIDAY	Class Test on Unit IV , V	Model Practical Test	
	21-Mar-20	SATURDAY	Model Practical Test	Preparation for University Practical	Model Practical Test
	22-Mar-20	SUNDAY	HOLIDAY		HOLIDAY
18	23-Mar-20	MONDAY	Revision - Unit I		
	24-Mar-20	TUESDAY	Revision - Unit II		
	25-Mar-20	WEDNESDAY	Revision - Unit III	University Practical Exam	
	26-Mar-20	THURSDAY	Revision - Unit IV		University Practical Test
	27-Mar-20	FRIDAY	Revision - Unit V		

