

ST. ANN'S COLLEGE OF ENGINEERING & TECHNOLOGY: CHIRALA
DEPARTMENT OF COMPUTERS SCIENCE & ENGINEERING

LECTURE SCHEDULE

SUBJECT: JAVA PROGRAMMING

ACADEMIC YEAR: 2018-19

NAME: K SUBBA RAO

YEAR & SEM/SECTION: II-II 'A'

No. of Lectures per week : 5+1* (Tutorial)

SL.NO	Date	UNITS	TOPICS
1	19-Nov-18	I	Introduction to OOP , procedural programming language and object oriented language
2	20-Nov-18		principles of OOP, applications of OOP
3	22-Nov-18		history of java, java features
4	23-Nov-18		TUTORIAL
5	24-Nov-18		JVM, program structure
6	26-Nov-18		Variables, identifiers, literals
7	27-Nov-18		primitive data types
8	28-Nov-18		Operators
9	29-Nov-18		Operators
10	30-Nov-18		TUTORIAL
11	1-Dec-18		expressions, precedence rules and associativity
12	3-Dec-18		primitive type conversion and casting
13	4-Dec-18		flow of control
14	5-Dec-18		flow of control
15	6-Dec-18		Unit Test 1
16	7-Dec-18		Tutorial
17	8-Dec-18	II	Classes and objects, class declaration
18	10-Dec-18		creating objects,
19	11-Dec-18		Methods
20	12-Dec-18		constructors and constructor overloading
21	13-Dec-18		garbage collector
22	14-Dec-18		Tutorial
23	15-Dec-18		importance of static keyword and examples
24	17-Dec-18		Arrays
25	18-Dec-18		this keyword and command line arguments
26	19-Dec-18		nested classes
27	20-Dec-18		nested classes
28	21-Dec-18		Tutorial
29	22-Dec-18		Unit Test 2
30	26-Dec-18	III	Inheritance , types of inheritance
31	27-Dec-18		super keyword, final keyword
32	28-Dec-18		Tutorial
33	29-Dec-18		overriding and abstract class
34	31-Dec-18		Interfaces
35	2-Jan-19		creating the packages, using packages
36	3-Jan-19		importance of CLASSPATH and java.lang package.
37	4-Jan-19		Tutorial
38	5-Jan-19		Exception handling
39	7-Jan-19		importance of try, catch, throw, throws and finally block
40	8-Jan-19		user- defined exceptions, Assertions
41	9-Jan-19		Revision
42	10-Jan-19		Revision
43	11-Jan-19		Revision
44	17-Jan-19	MID-1	

45	18-Jan-19		MID-1
46	19-Jan-19		MID-1
47	21-Jan-19		MID-1
48	22-Jan-19		MID-1
49	23-Jan-19		MID-1
50	24-Jan-19	IV	Multithreading: Introduction ,thread life cycle
51	25-Jan-19		Tutorial
52	28-Jan-19		creation of threads : Using Runnable and Thread class
53	29-Jan-19		thread priorities
54	30-Jan-19		thread synchronization
55	31-Jan-19		communication between threads
56	1-Feb-19		Tutorial
57	2-Feb-19		Input / Output operations
58	4-Feb-19		Reading data from files and writing data to files
59	5-Feb-19		Random access file.
60	6-Feb-19		java.io.package
61	7-Feb-19		Unit Test -4
62	8-Feb-19		Tutorial
63	11-Feb-19		V
64	12-Feb-19	Applet life cycle, sample Applet programs,	
65	13-Feb-19	Introduction to HTML for applet (Content beyond syllabus)	
66	14-Feb-19	Event handling: event delegation model	
67	15-Feb-19	Tutorial	
68	16-Feb-19	Sources of event	
69	18-Feb-19	Event Listeners	
70	19-Feb-19	Example programs on Event Handling	
71	20-Feb-19	adapter classes	
72	21-Feb-19	inner classes.	
73	22-Feb-19	Tutorial	
74	23-Feb-19	Unit Test-5	
75	25-Feb-19	VI	AWT: introduction, components and containers
76	26-Feb-19		Button, Label, Checkbox
77	27-Feb-19		Radio Buttons
78	28-Feb-19		List Boxes, Choice Boxes, Container class
79	1-Mar-19		Tutorial
80	2-Mar-19		Layouts,
81	5-Mar-19		Menu and Scrollbar
82	6-Mar-19		Introduction to swings, JFrame, JApplet, JPanel, Componets
83	7-Mar-19		Layout manager
84	8-Mar-19		Tutorial
85	11-Mar-19		JList and JScrollPane, Split Pane
86	12-Mar-19		JTabbedPane,
87	13-Mar-19		JTree, JTable,
88	14-Mar-19		Dialog Box.
89	15-Mar-19		Revision
90	16-Mar-19		Revision
91	18-Mar-19		Revision
92	19-Mar-19		Revision
93	20-Mar-19		Revision
94	22-Mar-19		Revision
95	23-Mar-19	Revision	
96	25-Mar-19	MID-2	
97	26-Mar-19	MID-2	

98	27-Mar-19		MID-2
99	28-Mar-19		MID-2
100	29-Mar-19		MID-2
101	30-Mar-19		MID-2

TEXT BOOKS:

1. The complete Reference Java, 8th edition, Herbert Schildt, TMH.
2. Programming in JAVA, Sachin Malhotra, SaurabhChoudary, Oxford.
3. Introduction to java programming, 7th edition by Y Daniel Liang, Pearson.

REFERENCE BOOKS:

1. JAVA Programming, K Rajkumar, Pearson
2. Core JAVA, Black Book, Nageswararao, Wiely Dream Tech
3. Core JAVA for Beginners, Rashmi Kanta Das, Vikas
4. Object Oriented Programming Through JAVA, P. Radha Krishna, Universities Press.

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