

Curriculum : Java (12 weeks)					
Week	Day	Topic	Sub Topic	Type	Hours
Week 1	1	Pre-Evaluation	Experience Collection & Demographics	Online	2
		Pre-Evaluation	OOPS concepts Problem Solving skills Computer fundamentals	Online Assessment	2
		Pre-Evaluation	English Algorithms	Online	4
	2	IST	IST	Class Room Facilitation	8
	3	IST	IST	Class Room Facilitation	8
	4	Programming Fundamentals - Evaluation	Programming Basics Retrieving Data Basic Programming Statement	Sorting and Operators Iterative Statements	Online
5	Programming Fundamentals - Evaluation	Arrays Programming Best Practices	Data Structures	Online	4
Week 2	6	Programming Fundamentals	Algorithm - Flow Chart & Pseudocode Discussion	Class Room Facilitation	2
			Algorithm - Flow Chart & Pseudocode Discussion	Class Room Facilitation	2
			Programming Basics with Sample Programs	Class Room Facilitation	2
	7	Programming Fundamentals	Video: So you want to be a software engineer 1) Ice-breaker - Introduction 2) Email writing - IST Learnings	Class Room Facilitation	2
			Arrays & Data Structures - Discussion on Use of arrays Different Types of data structures	Class Room Facilitation	2
			Arrays - Implementation	Class Room Facilitation	2
	8	Programming Fundamentals	Video: C Programmer writng + Grammar exercise	1) Email Class Room Facilitation	2
			Sorting , Searching and Linked List Concepts - Discussion	Class Room Facilitation	2
			Sorting , Searching and Linked List Concepts - Discussion	Class Room Facilitation	2
	9	Programming Fundamentals	Sorting , Searching and Linked List Concepts - Implementation	Assessment	2
			Video: Preparation is the Key to Success with Dr Susser PH.D 1) Email writing 2) Passage - Comprehension	Class Room Facilitation	2
			Structures & Pointers - Discussion	Class Room Facilitation	2
9	Programming Fundamentals	<b>PF Assessment 1,2 &amp; 3- Algorithm , Sorting &amp; Searching, Data type, Loops and Conditions</b>	Assessment	2	
		<b>PF Assessment 4, 5 &amp; 6 - Arrays &amp; Pointers, Functions &amp; Overall</b>	Assessment	2	
9	Business Communication	Video: 20 words that changed your life 1) Poetry "Promise Yourself" 2) Introduction to Communication 3) Why, what of communication	Class Room Facilitation	2	

	10	Database	Introduction to different ways of storing data - Advantages & Disadvantages	Class Room Facilitation	2
		Database	Understanding different types of databases Entity-Relationship Diagram	Class Room Facilitation	3
		Business Communication	Video: IT company - Campus 1) Talk on any topics by the interns 2) Generic Feedback on the topic, improvement areas	Class Room Facilitation	2
		Feedback	Program Fundamentals	Online	1
Week 3	11	Database	DDLs Create Assignment on DDL	Class Room Facilitation	2
		Database	DMLs INSERT UPDATE DELETE Assignment on DML	Class Room Facilitation	2
		Database	<b>DB Assessment 1-ER Diagrams</b>	Assessment	2
		Business Communication	Video: MSIT (Microsoft India Recruitment Team) 1) Channels of Communications	Class Room Facilitation	2
	12	Database	DRLs Select Assignment on DMLs	Class Room Facilitation	2
		Database	DMLs SELECT Group by Having Clause SELECT Order by Assignments on DML	Class Room Facilitation	2
		Database	<b>DB Assessment 2-Normalization</b>	Assessment	2
		Business Communication	1) Channels of communication - contd 2) Exercise : Email exercise on the channels of communication 3) Video : Channels of communication	Class Room Facilitation	2
		Database	DMLs Types of SUBQUERY Assignments on DML	Class Room Facilitation	2
	13	Database	Different types of JOIN UNION & UNION ALL Assignments on DML	Class Room Facilitation	2
		Database	<b>DB Assessment 3 , 4 , 5 - DML</b>	Assessment	2

	Business Communication	Video: IT companies Email feedback - generic (IST emails) 2) 4C's of communication Discussion on 3 situations around correct, clear, complete and climate (components of communication)	1) Class Room Facilitation	2
14	Database	Usage of IN, NOT IN & EXISTS, NOT EXISTS Assignments on DML	Discussion	2
	Database	Concept of INDEX Syntax of INDEX Assignment on DML	Assessment	2
	Database	<b>DB Assessment 6 , 7</b>	Class Room Facilitation	2
	Business Communication	Video: Dice TV_ Demystifying HR's Recruiting Process 1) 4C's of communication Discussion on 3 situations around correct, clear, complete and climate (components of communication) (Contd) 2) Email writing - Assignment (Leave application)	Class Room Facilitation	2
15	Business Communication	1) Importance of accurate information, spellings and grammar 2) Exercise - Creation of signature and catchy headlines presentation (Business news) 3) Video : Got a Job_ by The Miracles	Class Room Facilitation	2
	Ubuntu	Introduction to Ubuntu Environment	Class Room Facilitation	2
	Ubuntu	Basic Linux Commands	Class Room Facilitation	2
	Ubuntu	Use of Text editor in Linux	Class Room Facilitation	2
16	Business Communication	1) Presentation on catchy headlines (Business news) 2) Feedback to be given on presentation skills 3) Video : Self Directed Learning	Class Room Facilitation	2
	Java	Introduction to OOPS Introduction to JAVA Java Platform Features, Writing a simple Java application and executing.	Class Room Facilitation	4
	Feedback	Program Fundamentals	Online	1
	Feedback	Database	Online	1
17	Business Communication	1) Presentation on catchy headlines (Contd.) 2) Video : The Talent Code, by Daniel Coyle	Class Room Facilitation	2
	Java	Language Basics Concept of Java Class	Class Room Facilitation	2
	Java	Language Basics Concept of Java Class	Class Room Facilitation	2
	Java	<b>Java Assessment -1 OOPS</b>	Assessment	2

Week 4	18	Business Communication	1) Email etiquette 2) Chunking Email etiquette 3) Video : Don't quit	Class Room Facilitation	2
		Java	Constructors Method Overloading	Class Room Facilitation	2
		Java	Constructors Method Overloading	Class Room Facilitation	2
		Java	<b>Java assessment 2</b>	Assessment	2
	19	Java	Access modifier / specifiers Packaging in Java Type Casting	Class Room Facilitation	2
		Java	Access modifier / specifiers Packaging in Java Type Casting	Class Room Facilitation	3
		Java	Assignment	Class Room Facilitation	1
		Business Communication	1) Critical Thinking - Part 1 2) Email invite for conference call 3) Introduction to Curriosity and Experience Reflection trackers	Class Room Facilitation	2
	20	Java	Introduction to Eclipse IDE	Class Room Facilitation	2
		Java	Introduction to Eclipse IDE	Class Room Facilitation	2
		Java	Assignment	Class Room Facilitation	2
		Business Communication	1) Critical Thinking - Part 2 2) Assignment on CT 3) Filling up CT and RT	Class Room Facilitation	2
Week 5	21	Java	Polymorphism, Inheritance, Abstract class & Interfaces	Class Room Facilitation	3
		Java	Polymorphism, Inheritance, Abstract class & Interfaces	Class Room Facilitation	2
		Business Communication	Structuring - Ws&H, Comp vs Detail, MECE, ETVX, Pattern finding	Class Room Facilitation	2
		Java	<b>Java Assessment 3</b>	Assessment	1
	22	Java	Wrapper Classes Exception handling	Class Room Facilitation	2
		Java	Wrapper Classes Exception handling	Class Room Facilitation	2
		Java	Assignment	Class Room Facilitation	2
		Business Communication	1) Structuring presentation 2) Feedback on structuring 3) Video : Training Motivation Dear Hardwork	Class Room Facilitation	2
	Week 5	Java	Concurrency	Class Room Facilitation	2
		Java	Concurrency	Class Room Facilitation	2
Java		Assignment	Class Room Facilitation	2	

	23	Business Communication	1) Impression management - Part 1 2) Attention to detail 3) Video : Milton Friedman Says No Free Lunch + Reality hits you hard (Lyric Video)	Class Room Facilitation	2	
	24	Java	Concurrency	Class Room Facilitation	2	
		Java	Concurrency	Class Room Facilitation	2	
		Java	Assignment	Class Room Facilitation	2	
	25	Business Communication	1) Impression management - Part 2 2) Dressing etiquette	Class Room Facilitation	2	
		Java	<b>Java Assessment 4</b>	Assessment	2	
		Java	Basic I/O features	Class Room Facilitation	2	
		Java	Basic I/O features	Class Room Facilitation	2	
	Week 6	26	Business Communication	1) Grammar - Countable and Uncountable nouns, Articles - Chunking ARTICLES Chunking SINGULAR - PLURAL	Class Room Facilitation	2
			Java	Collections	Class Room Facilitation	2
			Java	Collections	Class Room Facilitation	2
			Java	<b>Java Assessment 5</b>	Assessment	2
27		Business Communication	1) Grammar - Prepositions exercise - Chunking PREPOSITIONS	Class Room Facilitation	2	
		Java	Collections	Class Room Facilitation	3	
		Java	Collections	Class Room Facilitation	2	
28		Business Communication	1) Grammar - Subject - Predicate exercise - Chunking SUBJECT - PREDICATE	Class Room Facilitation	2	
		Java	<b>Java Assessment 6 &amp; 7</b>	Assessment	1	
		Java	Java Data Access - JDBC	Class Room Facilitation	2	
		Java	Java Data Access - JDBC	Class Room Facilitation	2	
29		Business Communication	1) Grammar - Tenses exercise - Chunking TENSES	Class Room Facilitation	2	
	Java	Assignment	Class Room Facilitation	2		
	Introducing Project Case Study	Understanding Project Case Study Scope	Class Room Facilitation	3		
	Process	Requirement Gathering		2		
	Business Communication	1) Tone and intonation 2) Choice of words 3) Assignment - Homophones 4) Video : Trainee's Day out-Part 1	Class Room Facilitation	2		
30	Java	<b>Java Assessment 8 &amp; 9</b>	Assessment	1		
	Business Communication	1) Team Work - 5 stages. Various situations discussed 2) Video : Chak de India	Class Room Facilitation	2		
	Java	Java GUI - Swings Generics Internationalization Regular Expressions Log4j	Class Room Facilitation	3		

		Java	Java GUI - Swings Generics Internationalization Regular Expressions Log4j	Class Room Facilitation	2	
		Java	<b>Java Assessment 10</b>	Assessment	1	
Week 7	31	Java	Reflection APIs	Class Room Facilitation	3	
		JEE	Reflection APIs	Class Room Facilitation	2	
		Business Communication	1) Team Work contd 2) Time management	Class Room Facilitation	2	
		Java	<b>Java Assessment 11</b>	Assessment	1	
		Business Communication	1) Listening Skills 2) Video : 20 WORDS TO CHANGE YOUR LIFE 3) Email exercise on the attributes of LISTEN	Class Room Facilitation	2	
		32	Java	Introduction to Java 8 Features	Class Room Facilitation	3
	Java		Introduction to Java 8 Features	Class Room Facilitation	2	
	Java		<b>Java Assessment 12</b>	Assessment	1	
	Java		Discussion on Java 9 Features	Class Room Facilitation	3	
	Java		Discussion on Java 9 Features	Class Room Facilitation	2	
		33	Business Communication	1) Telephone etiquette - Role play 2) Email exercise - Appointment for conference call 3) Video : First Call - Apply What You Know	Class Room Facilitation	2
	Java		<b>Java Assessment 13</b>	Assessment	1	
	JEE		HTML, CSS	Class Room Facilitation	2	
	JEE		HTML, CSS	Class Room Facilitation	2	
	JEE		Assignment	Class Room Facilitation	2	
		34	Business Communication	1) Ethics & Values 2) Email - meeting invite	Class Room Facilitation	2
	JEE		JavaScript	Class Room Facilitation	3	
	JEE		JavaScript	Class Room Facilitation	2	
	Business Communication		1) Telephone etiquette 2) Role play 3) Filling up MOM	Class Room Facilitation	2	
	Java		<b>Java Assessment 14</b>	Assessment	1	
	35	JEE	JEE Architecture & Servlets	Class Room Facilitation	3	
JEE		JEE Architecture & Servlets	Class Room Facilitation	2		
Process		<b>JEE Assessment 15</b>		1		
Business Communication		1) Professionalism - Familiar world 2) Assignment - Professional attributes of Narayan Murthy or Steve Jobs	Class Room Facilitation	2		
JEE		Servlets	Class Room Facilitation	2		
	36	JEE	Servlets	Class Room Facilitation	2	
JEE		Assignment	Assessment	2		
JEE		Assignment	Assessment	2		

Week 8		Business Communication	1) Professionalism - Unfamiliar world + Scenarios 2) Video : Bill Gates-11 Rules You Will Never Learn In School	Class Room Facilitation	2
		JEE	Design Pattern	Class Room Facilitation	3
	38	Business Communication	1) Conference Calls (Project) 2) Feedback on conference call - Structuring and Clarity + Rework on the Requirement Gathering based on the feedback 3) Preparation of MOM 4) Probing technique 5) Video : Training Memories	Class Room Facilitation	2
		JEE	Design Pattern	Class Room Facilitation	2
		JEE	<b>JEE Assessment 16</b>	Assessment	1
		JEE	XML and Web Services	Class Room Facilitation	2
	39	Business Communication	1) Interpersonal effectiveness - Day 1	Class Room Facilitation	2
		JEE	XML and Web Services	Class Room Facilitation	2
		JEE	Prepare ERD and Use Case	Assessment	2
		JEE	XML and Web Services	Class Room Facilitation	3
	40	Business Communication	1) Interpersonal effectiveness - Day 2	Class Room Facilitation	2
		JEE	XML and Web Services	Class Room Facilitation	2
		JEE	<b>JEE Assessment 16</b>	Assessment	1
Week 9		JEE	Introduction to JSP	Class Room Facilitation	2
	41	Business Communication	1) Building relationships - Day 1 2) Exercise on Small talk 3) Filling up CT and RT	Class Room Facilitation	2
		JEE	JSP	Class Room Facilitation	2
		JEE	Assignment	Class Room Facilitation	2
			JSP & JSTL		2
	42	Business Communication	1) Building relationships - Day 2 2) Exercise - Relationship wheel	Class Room Facilitation	2
		JEE	JSP & JSTL	Class Room Facilitation	2
		JEE	Assignment	Class Room Facilitation	2
		JEE	JSP & JSTL	Class Room Facilitation	2
	43	Business Communication	1) Building relationships - Day 3 2) Videos - Wall Street 3) Assignment on building relationship	Class Room Facilitation	2
		JEE	JSP & JSTL	Class Room Facilitation	2
		JEE	Assignment	Class Room Facilitation	2
	44	Building Tools	Implementing BuildingTools Integrated with Eclipse IDE	Class Room Facilitation	2
		Business Communication	1) Flexibility + Attitude	Class Room Facilitation	2
	Project	Implementing BuildingTools Integrated with Eclipse IDE	Class Room Facilitation	3	
	JEE	<b>JEE Assessment 17</b>	Assessment	1	
	JEE	Introduction to SVN	Class Room Facilitation	2	

	45	Business Communication	1) Cultural sensitivity 2) Exercise on Culture presentation - Part 1 2) Video : Cultural difference	Class Room Facilitation	2
		JEE	Introduction to JENKINS	Class Room Facilitation	2
		JEE	Assignments		2
Week 10	46	JEE	EJB	Class Room Facilitation	2
		Business Communication	1) Preparation on Culture presentation 2) Filling up CT and RT 3) Power dressing	Class Room Facilitation	2
		JEE	EJB	Class Room Facilitation	2
	47	JEE	Assignments	Class Room Facilitation	2
		JEE	EJB with JPA 3.0	Class Room Facilitation	2
		Business Communication	1) Culture presentation - Part 1 (Contd.) 2) Exercise on Cultural Presentation - Part 2 3) Presentation skills	Class Room Facilitation	2
	48	JEE	EJB with JPA 3.0	Class Room Facilitation	2
		JEE	Assignment		2
		JEE	Struts	Class Room Facilitation	2
		Business Communication	Culture presentation - Part 2 2) Overall feedback on Presentation skills	Class Room Facilitation	2
		JEE	Struts	Class Room Facilitation	2
		JEE	Assignment	Class Room Facilitation	2
	49	JEE	Struts	Class Room Facilitation	2
		Business Communication	1) Customer service (CS) scenarios	Class Room Facilitation	2
		JEE	Struts	Class Room Facilitation	2
		JEE	Assignment	Class Room Facilitation	2
	50	JEE	Hibernate	Class Room Facilitation	2
		Business Communication	1) Preparation on CS - 1 slide	Class Room Facilitation	2
JEE		Hibernate	Class Room Facilitation	2	
Project		Project		2	
Week 11	51	JEE	Hibernate	Class Room Facilitation	2
		JEE	Hibernate	Class Room Facilitation	2
		Business Communication	1) Presentation on CS - Part 1 2) Filling up CT and RT	Class Room Facilitation	2
	52	JEE	Hibernate	Class Room Facilitation	2
		JEE	Spring & Hibernate	Class Room Facilitation	3
		JEE	<b>JEE Assessment 18</b>	Assessment	1
		Business Communication	1) Structuring template for Customer service 2) Preparation on CS - Part 2	Class Room Facilitation	2
		JEE	Assignment	Class Room Facilitation	2
	53	JEE	Spring & Hibernate	Class Room Facilitation	2
		JEE	Spring & Hibernate	Class Room Facilitation	2
Business Communication		1) Presentation on CS - Part 2	Class Room Facilitation	2	



		JEE	Assignment	Class Room Facilitation	2
		JEE	Spring & Hibernate	Class Room Facilitation	2
		JEE	<b>JEE Assessment 19</b>	Assessment	2
	54	Business Communication	1) Tolerance to ambiguity	Class Room Facilitation	2
		JEE	Spring & Hibernate	Class Room Facilitation	2
		JEE	Assignment	Class Room Facilitation	2
		Process	SVN Integration for the Project	Class Room Facilitation	2
	55	Project	Integrating Spring & Hibernate in Project	Class Room Facilitation	2
		Project	Integrating Spring & Hibernate in Project	Class Room Facilitation	2
		Business Communication	1) Coping ability	Class Room Facilitation	2
Week 12		Project	Project Implementation		2
		Project	Project Implementation		2
	56	Business Communication	1) Reading as a thinking tool - Jonathan Livingston Seagull 2) Comprehension on the passage	Class Room Facilitation	2
		Process	Testing	Class Room Facilitation	2
		Project	Project Implementation		2
		Project	Project Implementation		2
	57	Business Communication	Business Communication - 1) Communicating Up 2) Structured conversation (Ws & H, Comprehensive vs Detail)	Class Room Facilitation	2
		Process	Testing	Class Room Facilitation	2
		Project	Testing project using Junit		2
		Process	<b>Assessment Process</b>	Class Room Facilitation	2
	58	Business Communication	Revision - 1) Channels of communication 2) Filling up CT and RT 3) Email etiquette	Class Room Facilitation	2
		Process	<b>Assessment Process</b>	Class Room Facilitation	2
		Project	Project Presentation		4
	59	Business Communication	Overall Revision	Class Room Facilitation	2
		Process	<b>Assessment Process</b>	Assessment	2
	60	Exit formalities	Documentation + Feedback	Online	8