JAVA			
Week	**Session #**	**Topic**	**Practical**
Week 1	Session 1	Introduction	
		Installation Java	
		Installation Eclipse	Practical to Install Java & Eclipse
	Session 2	Datatypes in Java	Practical to define Data Types
	Session 3	Loops	Practical to define Loop
	Session 4	Loops	Practical to define Loop
Week 2	Session 5	Loops	Practical to define Loop
	Session 6	String Manipulation	Practical to do String Manipulation
	Session 7	String Manipulation	Practical to do String Manipulation
	Session 8	HighLevel Array	Practical to define array & access
Week 3	Session 9	Variable Types	Practical to define Variable Type
	Session 10	Variable Types	Practical to define Variable Type
	Session 11	OOPS	Practical to do OOPS
	Session 12	OOPS	Practical to do OOPS
Week 4	Session 13	OOPS	Practical to do OOPS
	Session 14	Access Specifier	Practical to define Access Specifier
	Session 15	Constructors	Practical to do Constructors

	Session 16	Exception Handling	Practical to define Exception Handling
	Session 17	Collection	Practical to do Collection
	Session 18	Collection	Practical to do Collection
Week 5			
	Session 19	Collection	Practical to do Collection
	Session 20	Collection	Practical to do Collection

SELENIUM			
Week	Session #	Topic	Practical
Week 6	Session 21	Introduction	
		Download Selenium	
		Integrate with Eclipse	Practical to add selenium library
	Session 22	Selenium IDE Execution	Practical to add & run selenium IDE scripts
	Session 23	Selenium Basic Command	Practical to add & run selenium scripts
	Session 24	Selenium Basic Command	Practical to add & run selenium scripts
Week 7	Session 25	Selenium Advanced Command	Practical to add & run selenium scripts
	Session 26	Selenium Advanced Command	Practical to add & run selenium scripts
	Session 27	Xpath Writing	Practical to do Xpath Writing & script execution
	Session 28	Xpath Writing	Practical to do Xpath Writing & script execution
	Session 29	CSS Selector Writing	Practical to do CSS Writing & script execution
	Session 30	Multiple Browser Execution	Practical to run scripts on Multiple Browser

Week 8			
	Session 31	Browser Profiler	Practical to define Browser Profiler
	Session 32	Desired Capabilities	Desired CapabilitiesVariable Type
Week 9	**Session 33**	TestNG Framework	TestNG Basic execution & Implementation
	Session 34	Advanced TestNG Framework	TestNG Basic execution & Implementation
	Session 35	Unconditional Wait	Practical to do Unconditional Wait
	Session 36	Conditional Wait	Practical to do Conditional Wait
Week 10	**Session 37**	Data Sources - Data Provider	Practical to do Data Source Connection
	Session 38	Data Sources - JSON Operation	Practical to do Data Source Connection
	Session 39	Data Sources - Excel Operation	Practical to do Data Source Connection
	Session 40	Data Sources - Properties File	Practical to do Data Source Connection

FRAMEWORK & CI/CD & INTERVIEW PREPARATION			
Week	**Session #**	**Topic**	**Practical**
Week 11	**Session 41**	What is Framework	
		Framework Available in Industry	
		Introduction to Complex Framework	Documentation
	Session 42	Framework Creation from Scratch - Part 1	Practical to add & run Framework Component
	Session 43	Framework Creation from Scratch - Part 2	Practical to add & run Framework Component
	Session 44	Framework Creation from Scratch - Part 3	Practical to add & run Framework Component

Week 12	**Session 45**	Framework Creation from Scratch - Part 4	Practical to add & run Framework Component
	Session 46	Framework Creation from Scratch - Part 5 - Reporting	Practical to add & run Framework Component
	Session 47	Framework Creation from Scratch - Part 6 - Logging	Practical to add & run Framework Component
	Session 48	Framework Creation from Scratch - Part 7 - Runner	Practical to add & run Framework Component
Week 13	**Session 49**	API Understanding	Practical to do API request/response
	Session 50	API Implementation using Java	Practical to run scripts on API Automation
	Session51	API Response Validation	Practical to Validate API responses
	Session 52	API with BDD	Understand BDD with Rest
Week 14	**Session 53**	Github Workflow - Part 1	GitHub Execution & Implementation
	Session 54	Github Workflow - Part 2	GitHub Execution & Implementation
	Session 55	Github Workflow - Part 3	GitHub Execution & Implementation
	Session 56	Github Workflow - Part 4	GitHub Execution & Implementation
Week 15	**Session 57**	Jenkins Workflow - Part 1	Jenkins Execution & Implementation
	Session 58	Jenkins Workflow - Part 2	Jenkins Execution & Implementation
	Session 59	Jenkins Workflow - Part 3	Jenkins Execution & Implementation
	Session 60	Resume Building	Resume Build and Explainantion

Week 16	**Session 61**	Interview Preparation - Part 1	Interview Preparation with Industry Expert
	Session 62	Interview Preparation - Part 2	Interview Preparation with Industry Expert
	Session 63	Interview Preparation - Part 3	Interview Preparation with Industry Expert
	Session 64	Interview Preparation - Part 4	Interview Preparation with Industry Expert