Day	Time	Topic
Day_01	01:30 min	What is Java ? What is JDK, JRE, JVM ? JVM Architecture. How Java code execute?
Day_02	01:30 min	Java Language Fundamentals 1. *Keywords of java* 2. *Features of java* 3. *Coding conventions* 4. *Identifier* 5. *Data types in java* 6. *Package*
Day_03	02:15 min	***Java source file structure.*** ***Class:*** 1. *Variables* 2. *Methods* 3. *Constructors* 4. *Instance blocks* 5. *Static blocks* ***Modifiers:*** *Public , private , protected* *,abstract,final,static,native,strictfp,volatile,transient,synchronized,*
Day_04	01:15 min	***Mutability and Immutability*** ***String manipulations:*** 1. *String* 2. *StringBuffer* 3. *StringBuilder*
Day_05	01:30 min	***Wrapper class:*** 1. *Data types vs Wrapper classes* 2. *All 8 wrapper classes explanations* 3. *Auto boxing vs Auto Unboxing* 4. *All possible conversions*
Day_06	01:30 min	***Nested classes:*** 1. *Introduction* 2. *Advantages of nested classes* 3. *Nested classes vs inner classes* 4. *Normal Inner classes* 5. *Method local inner classes* 6. *Anonymous inner classes* 7. *Static nested classes*
Day_07	01:30 min	***Interface:*** 1. *Interface declarations* 2. *Marker interface* ***Enumeration:*** 1. *Introduction* 2. *Advantages of enumeration* 3. *Difference between enum vs class*

Day_08, Day_09, Day_10	01:30 min 01:30 min 01:30 min	**OOPs concept:** 1. Abstraction 2. Encapsulation 3. Inheritance 4. Polymorphism
Day_11 Day_12	01:30 min 01:30 min	**Exception handling:** 1. Types of Exceptions 2. Exception vs Error 3. Try-catch blocks usage 4. Try with resources 5. Exception propagation 6. Finally block usage 7. Throws keyword usage 8. Exception handling vs method overriding. 9. Throw keyword usage 10. Customization of exception handling
Day_13 Day_14 Day_15	01:30 min 01:30 min 01:30 min	**Multithreading:** 1. Thread info 2. Single Threaded model vs multithreaded model 3. Main Thread vs user Thread 4. Creation of user defined Thread 5. Life cycle stages of Thread 6. Thread naming 7. Thread priority 8. Thread synchronization 9. Inter Thread communication 10. Difference between wait() notify() naifyAll() 11. Daemon Thread
Day_16	02:15 min	**Generics:** 1. Why Generic Programming 2. Defining Generics Class 3. Generic Methods 4. Wildcard Types
Day_17 Day_18	01:30 min 01:30 min	**Collection framework:** 1. Introduction about Arrays 2. Advantages of collection over arrays 3. Collection vs Collections 4. Key interfaces of Collections 5. List interface implementation classes 6. Set interface implementation classes 7. Map interface implementation classes 8. Comparable vs comparator 9. Sorting mechanisms of Collection objects
Day_20	01:30 min	**Regular Expressions:** 1. Pattern 2. Matcher

		3. Validation by Regular Expressions
Day_21	01:30 min	**Functional interfaces** **Lambda expressions** **Method Reference**
Day_22	02:15 min	**Java 1.8 Stream API**