- 1. Classes, objects, data types
 - a. For loop types (3) `
 - b. Constructors '
 - c. What is an iterable Interface `
 - d. Encapsulation `
 - e. Constructors `
 - f. Static, non static methods
- 2. Extending Classes, inheritance, abstract classes and interfaces
 - a. Super Fathers objects and fathers constructor `
 - b. Overloading and overriding `
 - c. Function and interface may have default methods `
 - d. Anonymous classes 3 types how to make `
 - e. Local class is inner class declared inside a block `
 - f. Outer objects `
 - g. Interface may have colliding default methods `
 - h. Access modifiers `
 - i. Abstract classes `

3. Exception handling

- a. Exception vs error`
- b. How to point where an exception occurred, print a message with when exception raised `

4. Threads

- a. Life cycle of a thread `
- b. How to start and stop a thread`
- c. How to create a thread with overriding and runnable `
- d. Default method in runnable thread `
- e. Does thread implement runnable ? Yes, we only need a run method to implement runnable `
- f. How to stop a thread? Intereput
- g. How to throw an interrupted exception`
- h. Notify `
- i. Notify all'
- j. Illegal monitor exception `
- k. How does a thread notify another thread? T. notify, and a random thread is chosen`
- I. Deadlocks '
- m. Thread starvation `
- n. Volatile
- 5. Lambda expression, generics and reflection
 - a. Functional Interface An interface with one abstract method `
 - b. How to write a lambda function `
 - c. Implement interface on fly using lambda expressions`
 - d. Stack using reflections `

- e. Classes in reflection package `
- f. Object of generic type without instantiating the generic variable
- g. Generic type `