# **Why can’t we speak Java(What is there to fear about?)**

* Core

1. Definition of Java
2. Story of Java
3. Features of Java
4. Editions of Java
5. Java Environment tool suite
6. Compiling
7. Command Line
8. Displaying
9. Requiring console
10. Formatting input and output

* Backbone

1. Data
2. Data types
3. Primitive types
4. Keywords
5. Identifiers
6. Literals
7. Escape sequencies
8. Operations
9. Statements & Expressions
10. Control structures
11. Basic functions
12. List of some primitives

* Middle-level

1. OOP
2. Casting & Wrapping
3. Custom objects
4. Built-in objects
5. Collections
6. Regular expressions
7. Exceptions & Errors
8. I/O streams
9. Serialization & Deserialization
10. Java Memory & Garbage collection

* Advanced

1. Design patterns
2. Functional programming
3. Multithreading
4. Maven or Gradle
5. POM
6. JDBC
7. Servlets
8. Request-Response cycle
9. Annotations
10. Testing (Unit, Integration & E2E)

* Frameworks

1. ORM
2. Hibernate
3. JPA
4. Spring
5. Spring-boot
6. Cron jobs
7. Spring Security
8. Java Web Flux
9. Quarks and Micronut
10. JavaFX (Not necessarily unless interested)

* Applications

1. Mobile applications
2. Desktop
3. Gamming
4. ML
5. DSA
6. Streaming
7. Networking
8. Cybersecurity