

Scala tutorial 1

1. What is Scala? Is it a Language or Platform? Does it support OOP or FP? Who is the father of Scala?
2. Is Scala Statically-Typed Language? What is Statically-Typed Language and What is Dynamically-Typed Language? What is the difference between statically typed and dynamically typed languages?
3. Is Scala a Pure OOP Language? Is Java a Pure OOP Language?
4. Does Scala support all Functional Programming concepts? Does [Java 8](#) support all Functional Programming concepts?
5. What are the major advantages of Scala Language? Are there any drawbacks of Scala Language?
6. What is the Main drawback of Scala Language?
7. What is the main motto of Scala Language?
8. What are the popular JVM Languages available now?
9. Like Java's `java.lang.Object` class, what is the super class of all classes in Scala?
10. What is default access modifier in Scala? Does Scala have "public" keyword?
11. What is "Type Inference" in Scala?
12. Difference between Scala's `Int` and Java's `java.lang.Integer`? What is the relationship between `Int` and `RichInt` in Scala?
13. What is `Nothing` in Scala? What is `Nil` in Scala? What is the relationship between `Nothing` and `Nil` in Scala?
14. What is `Null` in Scala? What is `null` in Scala? What is difference between `Null` and `null` in Scala?
15. What is `Unit` in Scala? What is the difference between Java's `void` and Scala's `Unit`?
16. What is the difference between `val` and `var` in Scala?
17. What is REPL in Scala? What is the use of Scala's REPL? How to access Scala REPL from CMD Prompt?
18. What are the Scala Features?
19. How do we implement loops functionally? What is the difference between OOP and FP style loops?
20. What is "Application" in Scala or What is Scala Application? What is "App" in Scala? What is the use of Scala's App?
21. Does Scala support Operator Overloading? Does Java support Operator Overloading?
22. What is an Expression? What is a Statement? Difference between Expression and Statement?
23. What is the difference between Java's "If..Else" and Scala's "If..Else"?
24. Is Scala an Expression-Based Language or Statement-Based Language? Is Java an Expression-Based Language or Statement-Based Language?
25. Tell me some features which are supported by Java, but not by Scala and Vice versa?
26. What is the difference between Function and Method in Scala?
27. How many public class files are possible to define in Scala source file?
28. Like Java, what are the default imports in Scala Language?
29. How many operators are there in Scala and Why?
30. Mention Some keywords which are used by Java and not required in Scala? Why Scala does not require them?
31. What is `PreDef` in Scala?