Questions list for the exam for the course
«Functional Programming and Scala Technologies»

1. What is imperative programming?
2. What is declarative programming?
3. What is functional programming?
4. What are benefits of functional programming?
5. Main principles of functional programming.
6. What are different types of Scala variables?
7. What is an Option used in Scala?
8. What are the access modifiers available in Scala?
9. What are closures in Scala?
10. Pure function.
11. Higher-Order Function.
12. What is call-by-name?
13. Explain about Scala anonymous function.
14. Why immutability is important?
15. Scala data types.
16. Class definition.
17. Case class.
18. What are the differences between Case class and Normal Class?
19. What is the difference between class and object?
20. Functions in Scala.
21. Arrays.
22. Lists.
23. Maps.
24. Loops.
25. Traits.

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