

SCS 2204 – Functional Programming

Scala Tutorial II

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Question number 1), 2), 4) Part a) and Part b) answers in the following link.

[GitHub link](#)

<https://github.com/Nethrenial/UCSC-ComputerScience/tree/main/year-2/scs2204/tutorials/tutorial-2>

3) Compare the Java and Scala programming languages.

Scala	Java
Scala is a general-purpose programming language that has a mixture of both object oriented and functional programming.	Java is a general-purpose object-oriented language.
Scala is easier to debug due to function programming.	Comparatively harder to debug.
Any function present in Scala are treated like they are values, just like other variables	Java treats functions as an object.
Scala variables by default immutable type.	Java variables are by default mutable type.
Scala does not contain static keyword.	Java contains static keyword.

