# 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 repo link for answers
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 is 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. |