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| Scala | Java |
| Scala is a mixture of both object oriented and functional programming. | Java is a general-purpose object-oriented language. |
| Scala is less readable due to nested code. | Java is more readable. |
| The process of compiling source code into byte code is slow. | The process of compiling source code into byte code is fast. |
| Scala support operator overloading. | Java does not support operator overloading. |
| Any method or function present is Scala are treated like they are variable. | Java treats functions as an object. |
| In Scala, the code is written in compact form. | In Java, the code is written in long form. |
| Scala variables are by default immutable type. | Java variables are by default mutable type. |
| Scala treated everything as an instance of the class and it is more object-oriented language as compare to Java. | Java is less object oriented as compare to Scala due to presence of primitives and statics. |

**Difference between Java & Scala**