**Different between Scala and Java**

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| **Scala** | **Java** |
| Scala is a combination of both object oriented and functional programming | Java is an object-oriented language. |
| Scala support operator overloading. | Java doesn’t support operator overloading. |
| Less readability. | Readability is more in java. |
| Variables are by default of immutable type. | Variables are by default of mutable type. |
| In scala, the code is written in a compact form. | The code is written in long form |
| Every function or method is treated as a variable | Every function is treated as an object. |
| Scala treated everything as an instance of the class, and it is more object-oriented language as compared to Java | Java is less object oriented as compared to scala due to presence of primitives and statics. |