

Q01 Java vs Scala

Scala

- Scala is a multi paradigm programming language. It means Scala is both object oriented and functional programming language.
- Scala supports operator overloading.
- Scala supports lazy evaluation.
- When scala it does not use static keywords.
- The compilation work of source code into bytecode is slow.
- There is no backward compatibility. It means scala cannot code written in the new version and can also run older version without any error.
- Scala has no concept like primitive data; everything in Scala is considered an object in Scala.

Java

- Java is a general purpose object oriented language.
- Java does not support operator overloading.
- Java does not support lazy evaluation. It delays the evaluation of the expression until its value is needed.
- Java contains static keywords.
- The compilation work of source code into bytecode is fast.
- Java supports backward compatibility.
- Java is less object oriented than scala since there is primitive and static.