Chapter 12 - Packages

Interpreter vs Compiler Interpreter translates one statement at a time into machine Code: Compiler scans the entire program and translates whole of it into machine code. Interpreter Compiler * Entire program at a time

* One statement at a time * Interpreter is needed everytime * Once compiled it is not needed

* Partial execution if error * No execution if an error occurs * Easy for programmers * Vsually not as easy as Interpreted ones

Is lava compiled or Interpreted? Java is a hybrid language - both compiled as well as interpreted

Java File (using savac) harry class by kode Can be used by Java interpreter

- → A JVM can be used to Interprete this bykcode

 This bytecode can be taken to any platform (wn/Mac/Linux)
 for execution
- Hence Java is platform independent (write once run everywhere)

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	import java larg * \rightarrow import everything from Java larg import java larg String \rightarrow import String from java larg 5 = new Java larg String ("Harry") \rightarrow Use without importing
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