

[illegible]

What is the difference between Compiler (javac) and Interpreter (JVM contains Interpreter):	
Compiler	Interpreter
1) Scans the entire program once.	1) Scans line by line.
2) Will convert the .SRC into byte code.	2) Will convert the byte code into O/S format.
3) byte code is generated so, it needs a separate JVM, debugging is easy.	3) fixed the byte code line by line and generate the output continuously.
4) It displays all the errors and warnings at a time i.e., debugging is easy.	4) It will display only one runtime error at a time i.e., debugging is hard.
5) After successful compilation, execution is fast.	5) Execution is slower because if we make a change in line number 5 then after re-creating the class we still again start from line number 1.
6) After successful compilation, we can delete the source code.	6) We cannot delete the byte code due to its line by line execution.

Note : Java uses compiler and Interpreter.