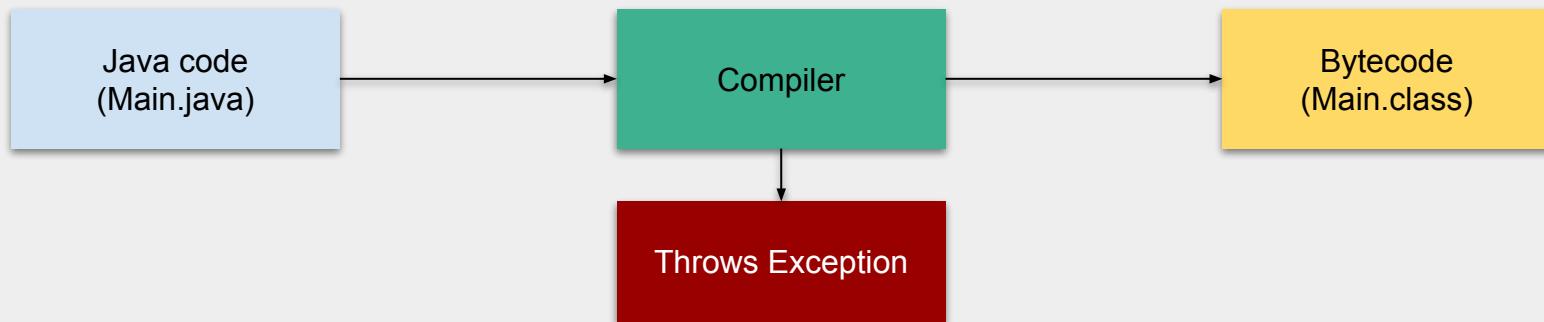
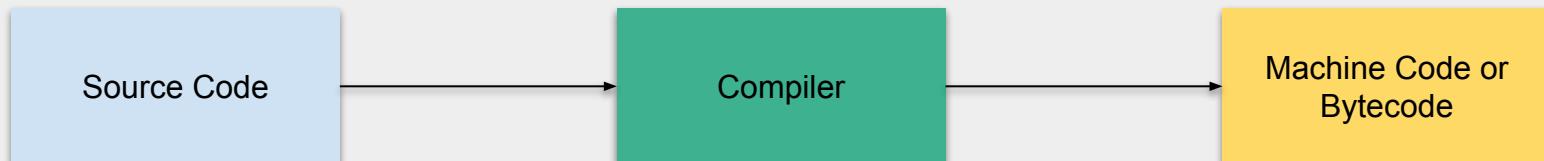


# Compiler and Interpreter

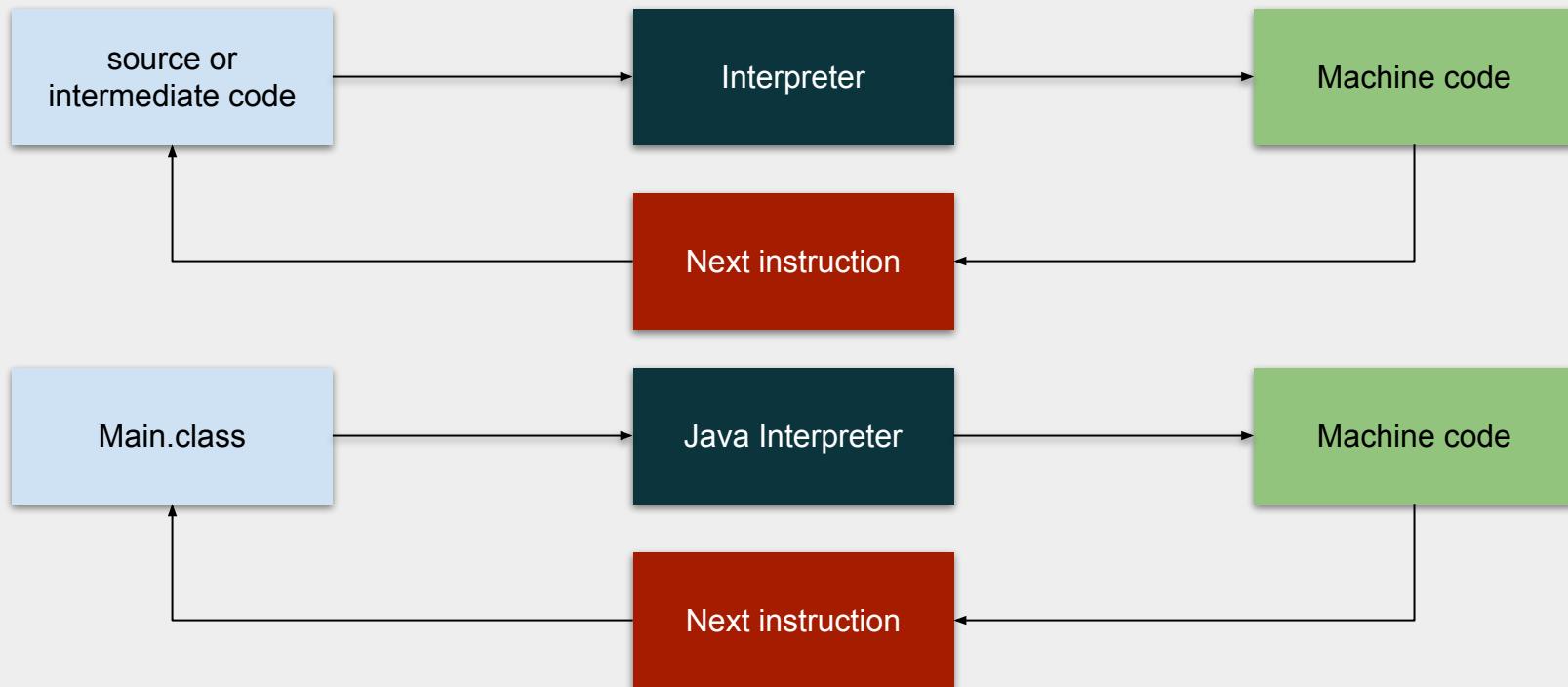
# Compiler

A **compiler** is a special program that translates a programming language's source code into machine code, bytecode or another programming language.



# Compiler and Interpreter

An **interpreter** translates code into machine code, instruction by instruction - the CPU executes each instruction before the interpreter moves on to translate the next instruction. Interpreted code will show an error as soon as it hits a problem, so it is easier to debug than compiled code



## Interview Questions

**Doing the best at this moment puts you in the best place for the  
next moment**