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Principles of Programming Languages

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List of classes for Project 2

This document serves the purpose of displaying all classes created for Project 2 and the hierarchy amongst them. The class names are also links to the file with the class implementation. In order for the link path to work properly, this document must not be moved from its default location. That is, this document, named Class List, must be at the same level as VM-CMD, VMParser and Sample Run file. With except to the Enum named State, each class name preceded by a solid bullet point is an abstract class. The classes indented below an abstract class are classes that extend it. For example, the VM class extends abstract class LexVM. The abstract class Compare is a special case since it extends Instruction and is extended by all integer and float compare instruction classes, hence the indentation after Compare.

* [State](file:///C:\Users\Vagner%20Machado\Desktop\Project%202\VM-CMD\pack\State.java)
* [Stream](file:///C:\Users\Vagner%20Machado\Desktop\Project%202\VM-CMD\pack\Stream.java)
* [LexVM](VM-CMD/pack/LexVM.java)
  + [VM](file:///C:\Users\Vagner%20Machado\Desktop\Project%202\VM-CMD\pack\VM.java)
* [Instruction](VM-CMD/pack/Instruction.java)
  + [Iconst](VM-CMD/pack/Iconst.java)
  + [Iadd](VM-CMD/pack/Iadd.java)
  + [Idiv](VM-CMD/pack/Idiv.java)
  + [Iload](VM-CMD/pack/Iload.java)
  + [Imul](VM-CMD/pack/Imul.java)
  + [IntToFloat](VM-CMD/pack/IntToFloat.java)
  + [Invoke](VM-CMD/pack/Invoke.java)
  + [Ireturn](VM-CMD/pack/Ireturn.java)
  + [Istore](VM-CMD/pack/Istore.java)
  + [Isub](VM-CMD/pack/Isub.java)
  + [Print](VM-CMD/pack/Print.java)
  + [Return](VM-CMD/pack/Return.java)
  + [Fconst](VM-CMD/pack/Fconst.java)
  + [Fadd](file:///C:\Users\Vagner%20Machado\Desktop\Project%202\VM-CMD\pack\Fadd.java)
  + [Fdiv](VM-CMD/pack/Fdiv.java)
  + [Fload](VM-CMD/pack/Fload.java)
  + [Fmul](VM-CMD/pack/Fmul.java)
  + [Freturn](VM-CMD/pack/Freturn.java)
  + [Fstore](VM-CMD/pack/Fstore.java)
  + [Fsub](VM-CMD/pack/Fsub.java)
  + [Goto](VM-CMD/pack/Goto.java)
  + [Compare](VM-CMD/pack/Compare.java)
    - [Fcmpeq](VM-CMD/pack/Fcmpeq.java)
    - [Fcmpge](VM-CMD/pack/Fcmpge.java)
    - [Fcmpgt](VM-CMD/pack/Fcmpgt.java)
    - [Fcmple](VM-CMD/pack/Fcmple.java)
    - [Fcmplt](VM-CMD/pack/Fcmplt.java)
    - [Fcmpne](VM-CMD/pack/Fcmpne.java)
    - [Icmpeq](VM-CMD/pack/Icmpeq.java)
    - [Icmpge](VM-CMD/pack/Icmpge.java)
    - [Icmpgt](VM-CMD/pack/Icmpgt.java)
    - [Icmple](VM-CMD/pack/Icmple.java)
    - [Icmplt](VM-CMD/pack/Icmplt.java)
    - [Icmpne](VM-CMD/pack/Icmpne.java)