



Tutorial

Code Generation for Global Variable

Question 1.

Download bcel.zip in the course website, use javac to compile JasminVisitor.java, create a Java file, compile this java file to a class file and use the instruction to generate a jasmin file. Based on the code of the previous tutorial, modify CodeGenerator.py to implement the following questions:

Question 2.

Generate code for a global variable declaration. Check your code by viewing generated Jasmin file to see whether the corresponding static field is appeared.

Question 3.

Generate code for an assignment to a global variable and an expression containing a global variable. Modify CodeGenSuite.py to test your code.