CS 565, Jens Palsberg Sep 23, 1998

Homework 4: Java CPS Transformation

A grammar for MiniJava in JavaCC notation is on the CS 565 webpage.

Use JTB and JavaCC and write in Java one or more visitors which transforms a MiniJava program to a Java program in tail form. The idea is that in a program in tail form, methods never return.

You can assume that the MiniJava program type checks. If you decide not to handle all of MiniJava, then state explicitly what parts you cover.

Your main file should be called `CPS.java`, and if `P.java` contains a program to be transformed, then

```
java CPS < P.java > P-CPS.java
```

creates the program `P-CPS.java` which is in tail form and has the same behavior as `P.Java`.