CS 565, Jens Palsberg Jan 13, 1999

Homework 4: Java CPS Transformer

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

Use JTB and JavaCC and write in Java one or more visitors which transform a MicroJava 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 MicroJava program can be compiled by javac.

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`.