CS 453 Compiler Construction — Spring 2013	Homework #3
LR Transition Diagrams	Due April 9, 2013

This assignment is due by 11:59pm. Submit using the command $^{\sim}$ cs453/bin/checkin HW3 HW3.pdf. You should do this assignment by yourself.

Show the LR(1) state diagram and the LR(1) parse table for the following grammar:

```
prog -> dl sl

decl -> ID ID SEMI
dl -> epsilon | dl decl

stm -> ID EQ
sl -> epsilon | stm sl;

Total points: 100
```