

Homework #6
CS 310 Fall 2010

Due Oct 22, 2:15 pm

p 128

Build a PDA in JFLAP for the language in 2.6 a. **Hmwk6_2_6_a_PUNetID.jff**

Convert the CFG in 2.13 into a PDA using the method outlined in class. Build this PDA in JFLAP (you will need to use more than 3 states). **Hmwk6_2_13_PUNetID.jff**

Turn the CFG in 2.14 into CNF. Build the grammar in JFLAP. **Hmwk6_2_14_PUNetID.jff**.

Put the previous three files into a .zip or .tar file called: **Hmwk6_PUNetID.{tar,zip}** and email it to me.

Type the answers to the following and turn in at the beginning of class.

2.15 (a counter example is a grammar, G , where the construction does not produce G^*)

2.20 (hint: read the answer in the book to 2.18)

2.26

Be sure to TEST all JFLAP files!