

CS453 Spring 12 Homework 1
Regular Expressions and Finite State Machines
Due: Thursday week 3: Feb 2, in class

1. Build an NFA for unsigned integer and float literals, given the following regular definitions

dot : "."
dig : "[0-9]"
int-lit : "dig+"
float-lit : "dig* dot dig+"

2. Now transform the NFA to a DFA