CS 1622 – Homework 2
Due: Monday, October 15, 2012 at the start of class

Please submit a typewritten document. I'd prefer you draw your DFA on the computer, but if this is a challenge, you may hand draw them neatly on the paper by hand.

1.) Construct the DFA of LR(0) items for the following grammar:

```
A → a B D

B → b C

C → D e | f

D → d
```

2.) Build the SLR parse table for the above grammar. Show the Follow sets you built to determine the reduce actions.

3.) Show an SLR parse for the input:

```
a b d e f
```

Show the stack, input, and actions in an action table as was done in the slides.