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Assignment 9
10/6/16

2.6

- a) A = two
- b) No
- c) C = one
- d) Compiler error (used a , instead of .)
 - i) I know you are probably not looking for this though, so if it was correct the answer would be:
 - 1) $D = s(s(1))$
 - 2) $D = s(s(s(s(s(1))))))$

2.8

translate(Number, Word) :-
 Number = 1,
 Word = one.

translate(Number, Word) :-
 Number = 2,
 Word = two.

translate (Number, Word) :-
 Number = 3,
 Word = three.

2.11

The reason the output would be $X = f(f(f(f(f(f(f(\dots$ is because when it tries to unify the X within $f(X)$ will become $f(X)$ and this will happen non stop since the X is unified to $f(X)$. Thus, it will never stop looping.