

Assignment #11

More Prolog

Define a predicate **myflip/2** whose arguments are both lists, the second being the reverse of the first. For example, **myflip([a,b,c],X)** should give **X=[c,b,a]**. You are **not** allowed to use Prolog built-ins like **reverse/2**.

Test your predicate with the following queries:

?- myflip([a,b,c,d,e,f],X).

?- myflip([a1,a2,a3,a4],X).

Hint: You will find it useful to use the **append/3** predicate covered in class. The **append/3** predicate is a built-in predicate in Prolog, so no need to type in the rules. **Do not** use the built-in predicate **reverse** to implement the **myflip** predicate.

Please submit a copy of your source code and evidence that your program runs.