

Assignment #11

CSC301 - Due Wednesday 12/6 in Sakai

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.