6. a. Add an element at the end of a list.

addEndList (l1l2l3…ln, elem) = [elem], n = 0

l1 U addEndList (l2l3…ln, elem), otherwise

6. b. Concatenate two lists.

[a1a2a3…am], n = 0

concatenateLists (l1l2l3…ln, a1a2a3…am) = l1 U concatenateLists (l2l3…ln, a1a2a3…am), n <> 0

concatenateLists (l1l2l3…ln, a2a3…am) U a1, n=0

and m <> 0