(member? x lst) produces true if x is in lst (compared using equal?)

(member?: Any (listof Any) → Bool)

(build-list n f) produces (list (f 0) ... (f (sub1 n)))

(build-list: Nat (Nat → X) → (listof X))

(filter pred? lst) produces a list containing the elements of lst for which pred? holds

(filter: (X → Bool) (listof X) → (listof X))

(map f lst) produces a list by applying f to each element of lst

(map: (X → Y) (listof X) → (listof Y))

(foldr f base lst) produces (f x1 ... (f xn base)) given that lst = (list x1 ... xn)

(foldr: (X Y → Y) Y (listof X) → Y)

(foldl f base lst) produces (f xn ... (f x1 base)) given that lst = (list x1 ... xn)

(foldl: (X Y → Y) Y (listof X) → Y)