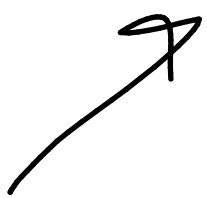(remove-first 'b '(a b c))

(remove-first 'b '(b c))

↗

stick a onto that

I want to return the result of
putting 1 onto the list
(2 3)

(cons 1 '(2 3))
        ↑   ↗
      item   list

(1 2 3)

Monday night due

Binary search trees

3   (3 ()   ())

5   (5 (3)   (7))
/ \
3   7

(cons item lst)

(cons 1 '(2 3)) ⟹ (1 2 3)

(cons '(1) '(2 3))

        ↳ ((1) 2 3)

(append '(1) '(2 3)) ⟹ (1 2 3)
         ‿‿‿   ‿‿‿‿‿‿
         list   list

error

oops

(cons 1 3) → (1 . 3)