a) num_people_in_shop == SHOP_CAPACITY ?
b) BARBER_ASLEEP?
c) num_people_in_shop++
d) ((barber_chair_empty && num_people_in_shop == 0)
|| (!barber_chair_empty && num_people_in_shop == 1))
e) BARBER_ASLEEP = true
f) BARBER_ASLEEP = false
g) sleep_exp(avg_haircut_time)
h) (!barber_chair_empty || BARBER_ASLEEP)
i) barber_chair_empty = false
j) barber_chair_empty = true
num_people_in_shop--