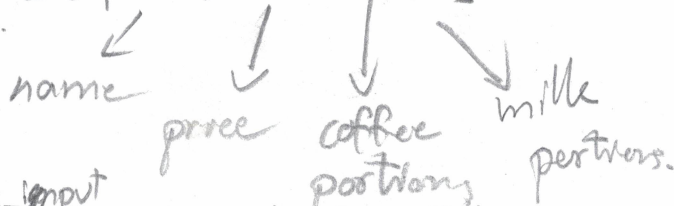


Top Level Algorithm

set coffee_portions = 25
set milk_portions = 25
set drinks_data = [(espresso, 30, 1, 0)] ... and so on.



ask for drinks_input
repeat until drinks_input equal "DONE"
foreach drink in drinks_data
print drink.name, drink.price

endfor

ask for drinks_input

if drinks_input is not in drinks_data
print "Drink not available"
ask for drinks_input

else

search drinks_input

if drinks_input is not found
print "Drink not available"
ask for drinks_input

else

run
ask for user payment → calculate change.
→ decrease ingredients.

save user_item to user_drinks.
add total_payment

process drink → given drink

foreach drink in user_drinks
print drink.name, drink.amount

endfor

print total_payment

Search function

set ~~okay~~ to false
repeat while ~~not okay~~

set ~~okay~~ to true
~~found~~
repeat while more drinks
in list and found is
false

if user_input matches
this drink.name
return drink.id
set found to true

endif.
endrepeat
if found is false.
return 0
endif