# Pseudocode for Store Checkout

START checkout

SET cart as empty list of lists

FUNCTION add\_item\_to\_cart (item, price, quantity)

INPUT item

INPUT price

INPUT quantity

ADD (item, price, quantity)

END FUNTION

FUNCTION total\_cost()

SET total\_cost to 0

FOR item in cart

COMPUTE total\_cost = total\_cost + cart(price \* quantity)

PRINT total\_cost

END FOR

FUNCTION payment()

INPUT payment\_type (cash, transfer)

IF payment\_type == cash

INPUT cash\_recieved

IF cash\_recieved > total\_cost

SET change = cash\_recieved – total\_cost

PRINT “Your change is: ”

ELIF cash\_recieved == cash

SET change = cash\_recieved – total\_cost

PRINT “Your change is: ”

ELIF cash\_recieved < total\_cost

PRINT “Insufficient funds ☹”

END IF

END IF

IF payment\_type == transfer

PRINT “Please confirm payment”

PRINT “Payment confirmed”

END IF

END FUNCTION

FUNCTION receipt()

PRINT “---RECEIPT---”

PRINT “(ITEM, PRICE, QUANTITY)”

FOR item in cart

PRINT item

END FOR

PRINT “Total: ” + total\_cost

PRINT “Thank you for shopping with us!”

END FUNCTION

PRINT “WELCOME TO OAKS STORE CHECKOUT SYSTEM”

CALL add\_item\_to\_cart (item, price, quantity)

CALL total\_cost()

CALL payment()

CALL receipt()

END checkout