Project 1

1. BEGIN StoreCheckout

DISPLAY "Welcome to the store checkout!"

INITIALIZE totalCost ← 0

INITIALIZE cart ← empty list

WHILE user has items to scan

DISPLAY "Scan item or enter 'done' to finish:"

DECLARE item

IF item = "done" THEN

BREAK

ENDIF

DISPLAY "Enter item price:"

DECLARE price

totalCost ← totalCost + price

ENDWHILE

DISPLAY "Total cost: NGN" + totalCost

DISPLAY "Enter amount paid:"

DECLARE amountPaid

IF amountPaid >= totalCost THEN

change ← amountPaid - totalCost

DISPLAY "Transaction successful! Change: $" + change

ELSE

DISPLAY "Insufficient funds. Please enter a valid amount."

ENDIF

DISPLAY "Thank you for shopping!"

END StoreCheckout

1. On the next page
2. BEGIN SwapAges

INPUT name1, age1

INPUT name2, age2

TEMP ← age1

age1 ← age2

age2 ← TEMP

OUTPUT name1 + " is now " + age1 + " years old."

OUTPUT name2 + " is now " + age2 + " years old."

END SwapAges

**PROJECT B**

WAKE UP BY 7:30

Get in the shower and shower for 10-20 minutes

Brush my teeth

Get dressed

Organise myself for the day

Walk to school

Have classes

Is there a break?

Go to next classes

Buy something to eat

Walk back to my hostel

Decompress

Study

SLEEP BY 12AM

no

yes