***Form1 Pseudo code:***

**Methods/Functions:**

**InitialiseCoinCapacity**

OPEN CoinCapacity.txt for INPUT [text file]

SET Cap2euro = 1st Line of CoinCapacity.txt [whole number]

SET Cap1euro = 2nd Line of CoinCapacity.txt [whole number]

SET Cap50cent = 3rd Line of CoinCapacity.txt [whole number]

SET Cap20cent = 4th Line of CoinCapacity.txt [whole number]

SET Cap10cent = 5th Line of CoinCapacity.txt [whole number]

SET Cap5cent = 6th Line of CoinCapacity.txt [whole number]

CLOSE CoinCapacity.txt

**End InitialiseCoinCapacity**

**InitialisePrices**

OPEN DrinksPrices.txt for INPUT [text file]

SET Drink1Price = 1st Line of DrinksPrices.txt [decimal number]

SET text in lblCoke = Drink1Price [label]

SET Drink2Price = 2nd Line of DrinksPrices.txt [decimal number]

SET text in lblDietCoke = Drink2Price [label]

SET Drink3Price = 3rd Line of DrinksPrices.txt [decimal number]

SET text in lbl7up = Drink3Price [label]

SET Drink4Price = 4th Line of DrinksPrices.txt [decimal number]

SET text in lbl7upFree = Drink4Price [label]

SET Drink5Price = 5th Line of DrinksPrices.txt [decimal number]

SET text in lblFanta = Drink5Price [label]

SET Drink6Price = 6th Line of DrinksPrices.txt [decimal number]

SET text in lblLilt = Drink6Price [label]

SET Drink7Price = 7th Line of DrinksPrices.txt [decimal number]

SET text in lblPepsi = Drink7Price [label]

SET Drink8Price = 8th Line of DrinksPrices.txt [decimal number]

SET text in lblPepsiMax = Drink8Price [label]

SET Drink9Price = 9th Line of DrinksPrices.txt [decimal number]

SET text in lblDrPep = Drink9Price [label]

SET Drink10Price = 10th Line of DrinksPrices.txt [decimal number]

SET text in lblSprite = Drink10Price [label]

SET Drink11Price = 11th Line of DrinksPrices.txt [decimal number]

SET text in lblSanPelOr = Drink11Price [label]

SET Drink12Price = 12th Line of DrinksPrices.txt [decimal number]

SET text in lblTango = Drink12Price [label]

CLOSE DrinksPrices.txt

**End InitialisePrices**

**InitialiseDrinksCapacity**

OPEN DrinksCapacity.txt for INPUT [text file]

SET CapDrink1 = 1st Line of DrinksCapacity.txt [whole number]

IF CapDrink1 < 1 THEN

SET text in lblCoke = “Out of Stock”

Disable btnCoke [button]

ELSE

Enable btnCoke

END IF

SET CapDrink2 = 2nd Line of DrinksCapacity.txt [whole number]

IF CapDrink2 < 1 THEN

SET text in lblDietCoke = “Out of Stock”

Disable btnDietCoke [button]

ELSE

Enable btnDietCoke

END IF

SET CapDrink3 = 3rd Line of DrinksCapacity.txt [whole number]

IF CapDrink3 < 1 THEN

SET text in lbl7up = “Out of Stock”

Disable btn7up [button]

ELSE

Enable btn7up

END IF

SET CapDrink4 = 4th Line of DrinksCapacity.txt [whole number]

IF CapDrink4 < 1 THEN

SET text in lbl7upFree = “Out of Stock”

Disable btn7upFree [button]

ELSE

Enable btn7upFree

END IF

SET CapDrink5 = 5th Line of DrinksCapacity.txt [whole number]

IF CapDrink5 < 1 THEN

SET text in lblFanta = “Out of Stock”

Disable btnFanta [button]

ELSE

Enable btnFanta

END IF

SET CapDrink6 = 6th Line of DrinksCapacity.txt [whole number]

IF CapDrink6 < 1 THEN

SET text in lblLilt = “Out of Stock”

Disable btnLilt [button]

ELSE

Enable btnLilt

END IF  
  
SET CapDrink7 = 7th Line of DrinksCapacity.txt [whole number]

IF CapDrink7 < 1 THEN

SET text in lblPepsi = “Out of Stock”

Disable btnPepsi [button]

ELSE

Enable btnPepsi

END IF

SET CapDrink8 = 8th Line of DrinksCapacity.txt [whole number]

IF CapDrink8 < 1 THEN

SET text in lblPepsiMax = “Out of Stock”

Disable btnPepsiMax [button]

ELSE

Enable btnPepsiMax

END IF

SET CapDrink9 = 9th Line of DrinksCapacity.txt [whole number]

IF CapDrink9 < 1 THEN

SET text in lblDrPep = “Out of Stock”

Disable btnDrPepper [button]

ELSE

Enable btnDrPepper

END IF

SET CapDrink10 = 10th Line of DrinksCapacity.txt [whole number]

IF CapDrink10 < 1 THEN

SET text in lblSprite = “Out of Stock”

Disable btnSprite [button]

ELSE

Enable btnSprite

END IF

SET CapDrink11 = 11th Line of DrinksCapacity.txt [whole number]

IF CapDrink11 < 1 THEN

SET text in lblSanPelOr = “Out of Stock”

Disable btnSanPelOr [button]

ELSE

Enable btnSanPelOr

END IF

SET CapDrink12 = 12th Line of DrinksCapacity.txt [whole number]

IF CapDrink12 < 1 THEN

SET text in lblTango = “Out of Stock”

Disable btnTango [button]

ELSE

Enable btnTango

END IF

CLOSE DrinksCapacity.txt

**End InitialiseDrinksCapacity**

**ClearDrinksSold**

OPEN DrinksSold.txt for INPUT [text file]

SET Drink1Sold = 1st Line of DrinksSold.txt [whole number]

SET Drink2Sold = 2nd Line of DrinksSold.txt [whole number]

SET Drink3Sold = 3rd Line of DrinksSold.txt [whole number]

SET Drink4Sold = 4th Line of DrinksSold.txt [whole number]

SET Drink5Sold = 5th Line of DrinksSold.txt [whole number]

SET Drink6Sold = 6th Line of DrinksSold.txt [whole number]

SET Drink7Sold = 7th Line of DrinksSold.txt [whole number]

SET Drink8Sold = 8th Line of DrinksSold.txt [whole number]

SET Drink9Sold = 9th Line of DrinksSold.txt [whole number]

SET Drink10Sold = 10th Line of DrinksSold.txt [whole number]

SET Drink11Sold = 11th Line of DrinksSold.txt [whole number]

SET Drink12Sold = 12th Line of DrinksSold.txt [whole number]

CLOSE DrinksSold.txt

**End ClearDrinksSold**

**ClearTempCoins**

OPEN TempCoins.txt for INPUT [text file]

SET Temp2euro = 1st Line of TempCoins.txt [whole number]

SET Temp1euro = 2nd Line of TempCoins.txt [whole number]

SET Temp50cent = 3rd Line of TempCoins.txt [whole number]

SET Temp20cent = 4th Line of TempCoins.txt [whole number]

SET Temp10cent = 5th Line of TempCoins.txt [whole number]

SET Temp5cent = 6th Line of TempCoins.txt [whole number]

CLOSE TempCoins.txt

**End ClearTempCoins**

**ClearChangePerCoins**

OPEN ChangePerCoin.txt for INPUT [text file]

SET Change2euro = 1st Line of ChangePerCoin.txt [whole number]

SET Change1euro = 2nd Line of ChangePerCoin.txt [whole number]

SET Change50cent = 3rd Line of ChangePerCoin.txt [whole number]

SET Change20cent = 4th Line of ChangePerCoin.txt [whole number]

SET Change10cent = 5th Line of ChangePerCoin.txt [whole number]

SET Change5cent = 6th Line of ChangePerCoin.txt [whole number]

CLOSE ChangePerCoin.txt

**End ClearChangePerCoins**

**UpdateCoinCapacity**

SET Cap2euro = Cap2euro + Temp2euro

SET Cap1euro = Cap1euro + Temp1euro

SET Cap50cent = Cap50cent + Temp50cent

SET Cap20cent = Cap20cent + Temp20cent

SET Cap10cent = Cap10cent + Temp10cent

SET Cap5cent = Cap5cent + Temp5cent

**End UpdateCoinCapacity**

**CalcMoneyAvailable**

SET moneyAvailable = (2 x Cap2euro) + (1 x Cap1euro) + (.50 x Cap50cent) [decimal number]

+ (.20 x Cap20cent) + (.10 x Cap10cent) + (.05 x Cap5cent)

**End CalcMoneyAvailable**

**BreakDownChange**

SET totalChange = changeNeeded [decimal number] [decimal number]

SET changeNeeded = changeNeeded x 100

DO

IF changeNeeded >= 200 AND Cap2euro > 0 THEN

SET changeNeeded = changeNeeded - 200

SET Cap2euro = Cap2euro - 1

SET Change2euro = Change2euro + 1

END IF

LOOP UNTIL changeNeeded < 200

DO

IF changeNeeded >= 100 AND Cap1euro > 0 THEN

SET changeNeeded = changeNeeded - 100

SET Cap1euro = Cap1euro - 1

SET Change1euro = Change1euro + 1

END IF

LOOP UNTIL changeNeeded < 100

DO

IF changeNeeded >= 50 AND Cap50cent > 0 THEN

SET changeNeeded = changeNeeded - 50

SET Cap50cent = Cap50cent - 1

SET Change50cent = Change50cent + 1

END IF

LOOP UNTIL changeNeeded < 50

DO

IF changeNeeded >= 20 AND Cap20cent > 0 THEN

SET changeNeeded = changeNeeded - 20

SET Cap20cent = Cap20cent - 1

SET Change20cent = Change20cent + 1

END IF

LOOP UNTIL changeNeeded < 20

DO

IF changeNeeded >= 10 AND Cap10cent > 0 THEN

SET changeNeeded = changeNeeded - 10

SET Cap10cent = Cap10cent - 1

SET Change10cent = Change10cent + 1

END IF

LOOP UNTIL changeNeeded < 10

DO

IF changeNeeded >= 5 AND Cap5cent > 0 THEN

SET changeNeeded = changeNeeded - 5

SET Cap5cent = Cap5cent - 1

SET Change5cent = Change5cent + 1

END IF

LOOP UNTIL changeNeeded < 5

**End BreakDownChange**

**Event:**

**Form Load**

SET CreditTotal = 0 [decimal number]

CALL initialiseCoinCapacity

CALL initialisePrices

CALL initialiseDrinksCapacity

CALL ClearDrinksSold

CALL ClearTempCoins

CALL ClearChangePerCoins

SET image in pbxDisplay = vendingimage [picture box] [image]

**“5 cent Image” Button Pressed**

IF Cap5cent = 200 THEN

OUTPUT “Unable to accept anymore 5 cent coins” in a message box

ELSE

SET CreditTotal = CreditTotal + .05

SET text in lblCreditTotal = CreditTotal [label]

SET Temp5cent = Temp5cent + 1

END IF

**“10 cent Image” Button Pressed**

IF Cap10cent = 200 THEN

OUTPUT “Unable to accept anymore 10 cent coins” in a message box

ELSE

SET CreditTotal = CreditTotal + .10

SET text in lblCreditTotal = CreditTotal

SET Temp10cent = Temp10cent + 1

END IF

**“20 cent Image” Button Pressed**

IF Cap20cent = 200 THEN

OUTPUT “Unable to accept anymore 20 cent coins” in a message box

ELSE

SET CreditTotal = CreditTotal + .20

SET text in lblCreditTotal = CreditTotal

SET Temp20cent = Temp20cent + 1

END IF

**“50 cent Image” Button Pressed**

IF Cap50cent = 200 THEN

OUTPUT “Unable to accept anymore 50 cent coins” in a message box

ELSE

SET CreditTotal = CreditTotal + .50

SET text in lblCreditTotal = CreditTotal

SET Temp50cent = Temp50cent + 1

END IF

**“1 euro Image” Button Pressed**

IF Cap1euro = 300 THEN

OUTPUT “Unable to accept anymore 1 euro coins” in a message box

ELSE

SET CreditTotal = CreditTotal + 1

SET text in lblCreditTotal = CreditTotal

SET Temp1euro = Temp1euro + 1

END IF

**“2 euro Image” Button Pressed**

IF Cap2euro = 500 THEN

OUTPUT “Unable to accept anymore 2 euro coins” in a message box

ELSE

SET CreditTotal = CreditTotal + 2

SET text in lblCreditTotal = CreditTotal

SET Temp2euro = Temp2euro + 1

END IF

**“Coke Image” Button Pressed**

IF CreditTotal < Drink1Price THEN

OUTPUT “Insufficient Funds” in a message box  
END IF

IF CreditTotal = Drink1Price THEN

OUTPUT “Thank you for your order.” in a message box

SET image in pbxDisplay = coke1 [image]

SET Drink1Sold = Drink1Sold + 1

SET CapDrink1 = CapDrink1 - 1

SET SalesRevenue = SalesRevenue + Drink1Price [decimal number]

CALL UpdateCoinCapacity

CALL ClearTempCoins

SET CreditTotal = 0

SET text in lblCreditTotal = 0

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage  
END IF

IF CreditTotal > Drink1Price THEN

SET changeNeeded = CreditTotal – Drink1Price

CALL CalcMoneyAvailable

OUTPUT “Thank you for your order. We’re calculating your change” in a message box

IF changeNeeded > moneyAvailable THEN

SHOW frmNoChange [form]

IF forfeitChange = true THEN [true or false]

SET image in pbxDisplay = coke1

SET Drink1Sold = Drink1Sold + 1

SET CapDrink1 = CapDrink1 - 1

SET SalesRevenue = SalesRevenue + Drink1Price

SET ChangeRevenue = ChangeRevenue + changeNeeded [decimal number]

CALL UpdateCoinCapacity

CALL ClearTempCoins

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage

ELSE

CALL ClearTempCoins

END IF

SET CreditTotal = 0

SET text in lblCreditTotal = 0  
ELSE

SET image in pbxDisplay = coke1

SET Drink1Sold = Drink1Sold + 1

SET CapDrink1 = CapDrink1 - 1

SET SalesRevenue = SalesRevenue + Drink1Price

CALL UpdateCoinCapacity

CALL ClearTempCoins

CALL BreakDownChange

SHOW frmChange [form]

CALL ClearChangePerCoins

SET CreditTotal = 0

SET text in lblCreditTotal = 0

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage

END IF

END IF

**“Diet Coke Image” Button Pressed**

IF CreditTotal < Drink2Price THEN

OUTPUT “Insufficient Funds” in a message box  
END IF

IF CreditTotal = Drink2Price THEN

OUTPUT “Thank you for your order.” in a message box

SET image in pbxDisplay = DietCoke1 [image]

SET Drink2Sold = Drink2Sold + 1

SET CapDrink2 = CapDrink2 - 1

SET SalesRevenue = SalesRevenue + Drink2Price

CALL UpdateCoinCapacity

CALL ClearTempCoins

SET CreditTotal = 0

SET text in lblCreditTotal = 0

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage  
END IF

IF CreditTotal > Drink2Price THEN

SET changeNeeded = CreditTotal – Drink2Price

CALL CalcMoneyAvailable

OUTPUT “Thank you for your order. We’re calculating your change” in a message box

IF changeNeeded > moneyAvailable THEN

SHOW frmNoChange

IF forfeitChange = true THEN

SET image in pbxDisplay = DietCoke1

SET Drink2Sold = Drink2Sold + 1

SET CapDrink2 = CapDrink2 - 1

SET SalesRevenue = SalesRevenue + Drink2Price

SET ChangeRevenue = ChangeRevenue + changeNeeded

CALL UpdateCoinCapacity

CALL ClearTempCoins

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage

ELSE

CALL ClearTempCoins

END IF

SET CreditTotal = 0

SET text in lblCreditTotal = 0  
ELSE

SET image in pbxDisplay = DietCoke1

SET Drink2Sold = Drink2Sold + 1

SET CapDrink2 = CapDrink2 - 1

SET SalesRevenue = SalesRevenue + Drink2Price

CALL UpdateCoinCapacity

CALL ClearTempCoins

CALL BreakDownChange

SHOW frmChange

CALL ClearChangePerCoins

SET CreditTotal = 0

SET text in lblCreditTotal = 0

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage

END IF

END IF

**“7up Image” Button Pressed**

IF CreditTotal < Drink3Price THEN

OUTPUT “Insufficient Funds” in a message box  
END IF

IF CreditTotal = Drink3Price THEN

OUTPUT “Thank you for your order.” in a message box

SET image in pbxDisplay = \_7up1 [image]

SET Drink3Sold = Drink3Sold + 1

SET CapDrink3 = CapDrink3 - 1

SET SalesRevenue = SalesRevenue + Drink3Price

CALL UpdateCoinCapacity

CALL ClearTempCoins

SET CreditTotal = 0

SET text in lblCreditTotal = 0

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage  
END IF

IF CreditTotal > Drink3Price THEN

SET changeNeeded = CreditTotal – Drink3Price

CALL CalcMoneyAvailable

OUTPUT “Thank you for your order. We’re calculating your change” in a message box

IF changeNeeded > moneyAvailable THEN

SHOW frmNoChange

IF forfeitChange = true THEN

SET image in pbxDisplay = \_7up1

SET Drink3Sold = Drink3Sold + 1

SET CapDrink3 = CapDrink3 - 1

SET SalesRevenue = SalesRevenue + Drink3Price

SET ChangeRevenue = ChangeRevenue + changeNeeded

CALL UpdateCoinCapacity

CALL ClearTempCoins

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage

ELSE

CALL ClearTempCoins

END IF

SET CreditTotal = 0

SET text in lblCreditTotal = 0  
ELSE

SET image in pbxDisplay = \_7up1

SET Drink3Sold = Drink3Sold + 1

SET CapDrink3 = CapDrink3 - 1

SET SalesRevenue = SalesRevenue + Drink3Price

CALL UpdateCoinCapacity

CALL ClearTempCoins

CALL BreakDownChange

SHOW frmChange

CALL ClearChangePerCoins

SET CreditTotal = 0

SET text in lblCreditTotal = 0

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage

END IF

END IF

**“7up Free Image” Button Pressed**

IF CreditTotal < Drink4Price THEN

OUTPUT “Insufficient Funds” in a message box  
END IF

IF CreditTotal = Drink4Price THEN

OUTPUT “Thank you for your order.” in a message box

SET image in pbxDisplay = \_7up\_free1 [image]

SET Drink4Sold = Drink4Sold + 1

SET CapDrink4 = CapDrink4 - 1

SET SalesRevenue = SalesRevenue + Drink4Price

CALL UpdateCoinCapacity

CALL ClearTempCoins

SET CreditTotal = 0

SET text in lblCreditTotal = 0

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage  
END IF

IF CreditTotal > Drink4Price THEN

SET changeNeeded = CreditTotal – Drink4Price

CALL CalcMoneyAvailable

OUTPUT “Thank you for your order. We’re calculating your change” in a message box

IF changeNeeded > moneyAvailable THEN

SHOW frmNoChange

IF forfeitChange = true THEN

SET image in pbxDisplay = \_7up\_free1

SET Drink4Sold = Drink4Sold + 1

SET CapDrink4 = CapDrink4 - 1

SET SalesRevenue = SalesRevenue + Drink4Price

SET ChangeRevenue = ChangeRevenue + changeNeeded

CALL UpdateCoinCapacity

CALL ClearTempCoins

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage

ELSE

CALL ClearTempCoins

END IF

SET CreditTotal = 0

SET text in lblCreditTotal = 0  
ELSE

SET image in pbxDisplay = \_7up\_free1

SET Drink4Sold = Drink4Sold + 1

SET CapDrink4 = CapDrink4 - 1

SET SalesRevenue = SalesRevenue + Drink4Price

CALL UpdateCoinCapacity

CALL ClearTempCoins

CALL BreakDownChange

SHOW frmChange

CALL ClearChangePerCoins

SET CreditTotal = 0

SET text in lblCreditTotal = 0

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage

END IF

END IF

**“Fanta Image” Button Pressed**

IF CreditTotal < Drink5Price THEN

OUTPUT “Insufficient Funds” in a message box  
END IF

IF CreditTotal = Drink5Price THEN

OUTPUT “Thank you for your order.” in a message box

SET image in pbxDisplay = fanta1 [image]

SET Drink5Sold = Drink5Sold + 1

SET CapDrink5 = CapDrink5 - 1

SET SalesRevenue = SalesRevenue + Drink5Price

CALL UpdateCoinCapacity

CALL ClearTempCoins

SET CreditTotal = 0

SET text in lblCreditTotal = 0

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage  
END IF

IF CreditTotal > Drink5Price THEN

SET changeNeeded = CreditTotal – Drink5Price

CALL CalcMoneyAvailable

OUTPUT “Thank you for your order. We’re calculating your change” in a message box

IF changeNeeded > moneyAvailable THEN

SHOW frmNoChange

IF forfeitChange = true THEN

SET image in pbxDisplay = fanta1

SET Drink5Sold = Drink5Sold + 1

SET CapDrink5 = CapDrink5 - 1

SET SalesRevenue = SalesRevenue + Drink5Price

SET ChangeRevenue = ChangeRevenue + changeNeeded

CALL UpdateCoinCapacity

CALL ClearTempCoins

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage

ELSE

CALL ClearTempCoins

END IF

SET CreditTotal = 0

SET text in lblCreditTotal = 0  
ELSE

SET image in pbxDisplay = fanta1

SET Drink5Sold = Drink5Sold + 1

SET CapDrink5 = CapDrink5 - 1

SET SalesRevenue = SalesRevenue + Drink5Price

CALL UpdateCoinCapacity

CALL ClearTempCoins

CALL BreakDownChange

SHOW frmChange

CALL ClearChangePerCoins

SET CreditTotal = 0

SET text in lblCreditTotal = 0

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage

END IF

END IF

**“Lilt Image” Button Pressed**

IF CreditTotal < Drink6Price THEN

OUTPUT “Insufficient Funds” in a message box  
END IF

IF CreditTotal = Drink6Price THEN

OUTPUT “Thank you for your order.” in a message box

SET image in pbxDisplay = lilt\_can1 [image]

SET Drink6Sold = Drink6Sold + 1

SET CapDrink6 = CapDrink6 - 1

SET SalesRevenue = SalesRevenue + Drink6Price

CALL UpdateCoinCapacity

CALL ClearTempCoins

SET CreditTotal = 0

SET text in lblCreditTotal = 0

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage  
END IF

IF CreditTotal > Drink6Price THEN

SET changeNeeded = CreditTotal – Drink6Price

CALL CalcMoneyAvailable

OUTPUT “Thank you for your order. We’re calculating your change” in a message box

IF changeNeeded > moneyAvailable THEN

SHOW frmNoChange

IF forfeitChange = true THEN

SET image in pbxDisplay = lilt\_can1

SET Drink6Sold = Drink6Sold + 1

SET CapDrink6 = CapDrink6 - 1

SET SalesRevenue = SalesRevenue + Drink6Price

SET ChangeRevenue = ChangeRevenue + changeNeeded

CALL UpdateCoinCapacity

CALL ClearTempCoins

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage

ELSE

CALL ClearTempCoins

END IF

SET CreditTotal = 0

SET text in lblCreditTotal = 0  
ELSE

SET image in pbxDisplay = lilt\_can1

SET Drink6Sold = Drink6Sold + 1

SET CapDrink6 = CapDrink6 - 1

SET SalesRevenue = SalesRevenue + Drink6Price

CALL UpdateCoinCapacity

CALL ClearTempCoins

CALL BreakDownChange

SHOW frmChange

CALL ClearChangePerCoins

SET CreditTotal = 0

SET text in lblCreditTotal = 0

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage

END IF

END IF

**“Pepsi Image” Button Pressed**

IF CreditTotal < Drink7Price THEN

OUTPUT “Insufficient Funds” in a message box  
END IF

IF CreditTotal = Drink7Price THEN

OUTPUT “Thank you for your order.” in a message box

SET image in pbxDisplay = Pepsi\_can1 [image]

SET Drink7Sold = Drink7Sold + 1

SET CapDrink7 = CapDrink7 - 1

SET SalesRevenue = SalesRevenue + Drink7Price

CALL UpdateCoinCapacity

CALL ClearTempCoins

SET CreditTotal = 0

SET text in lblCreditTotal = 0

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage  
END IF

IF CreditTotal > Drink7Price THEN

SET changeNeeded = CreditTotal – Drink7Price

CALL CalcMoneyAvailable

OUTPUT “Thank you for your order. We’re calculating your change” in a message box

IF changeNeeded > moneyAvailable THEN

SHOW frmNoChange

IF forfeitChange = true THEN

SET image in pbxDisplay = Pepsi\_can1

SET Drink7Sold = Drink7Sold + 1

SET CapDrink7 = CapDrink7 - 1

SET SalesRevenue = SalesRevenue + Drink7Price

SET ChangeRevenue = ChangeRevenue + changeNeeded

CALL UpdateCoinCapacity

CALL ClearTempCoins

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage

ELSE

CALL ClearTempCoins

END IF

SET CreditTotal = 0

SET text in lblCreditTotal = 0  
ELSE

SET image in pbxDisplay = Pepsi\_can1

SET Drink7Sold = Drink7Sold + 1

SET CapDrink7 = CapDrink7 - 1

SET SalesRevenue = SalesRevenue + Drink7Price

CALL UpdateCoinCapacity

CALL ClearTempCoins

CALL BreakDownChange

SHOW frmChange

CALL ClearChangePerCoins

SET CreditTotal = 0

SET text in lblCreditTotal = 0

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage

END IF

END IF

**“Pepsi Max Image” Button Pressed**

IF CreditTotal < Drink8Price THEN

OUTPUT “Insufficient Funds” in a message box  
END IF

IF CreditTotal = Drink8Price THEN

OUTPUT “Thank you for your order.” in a message box

SET image in pbxDisplay = Pepsi\_Max\_can1 [image]

SET Drink8Sold = Drink8Sold + 1

SET CapDrink8 = CapDrink8 - 1

SET SalesRevenue = SalesRevenue + Drink8Price

CALL UpdateCoinCapacity

CALL ClearTempCoins

SET CreditTotal = 0

SET text in lblCreditTotal = 0

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage  
END IF

IF CreditTotal > Drink8Price THEN

SET changeNeeded = CreditTotal – Drink8Price

CALL CalcMoneyAvailable

OUTPUT “Thank you for your order. We’re calculating your change” in a message box

IF changeNeeded > moneyAvailable THEN

SHOW frmNoChange

IF forfeitChange = true THEN

SET image in pbxDisplay = Pepsi\_Max\_can1

SET Drink8Sold = Drink8Sold + 1

SET CapDrink8 = CapDrink8 - 1

SET SalesRevenue = SalesRevenue + Drink8Price

SET ChangeRevenue = ChangeRevenue + changeNeeded

CALL UpdateCoinCapacity

CALL ClearTempCoins

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage

ELSE

CALL ClearTempCoins

END IF

SET CreditTotal = 0

SET text in lblCreditTotal = 0  
ELSE

SET image in pbxDisplay = Pepsi\_Max\_can1

SET Drink8Sold = Drink8Sold + 1

SET CapDrink8 = CapDrink8 - 1

SET SalesRevenue = SalesRevenue + Drink8Price

CALL UpdateCoinCapacity

CALL ClearTempCoins

CALL BreakDownChange

SHOW frmChange

CALL ClearChangePerCoins

SET CreditTotal = 0

SET text in lblCreditTotal = 0

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage

END IF

END IF

**“Dr Pepper Image” Button Pressed**

IF CreditTotal < Drink9Price THEN

OUTPUT “Insufficient Funds” in a message box  
END IF

IF CreditTotal = Drink9Price THEN

OUTPUT “Thank you for your order.” in a message box

SET image in pbxDisplay = dr\_pepper1 [image]

SET Drink9Sold = Drink9Sold + 1

SET CapDrink9 = CapDrink9 - 1

SET SalesRevenue = SalesRevenue + Drink9Price

CALL UpdateCoinCapacity

CALL ClearTempCoins

SET CreditTotal = 0

SET text in lblCreditTotal = 0

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage  
END IF

IF CreditTotal > Drink9Price THEN

SET changeNeeded = CreditTotal – Drink9Price

CALL CalcMoneyAvailable

OUTPUT “Thank you for your order. We’re calculating your change” in a message box

IF changeNeeded > moneyAvailable THEN

SHOW frmNoChange

IF forfeitChange = true THEN

SET image in pbxDisplay = dr\_pepper1

SET Drink9Sold = Drink9Sold + 1

SET CapDrink9 = CapDrink9 - 1

SET SalesRevenue = SalesRevenue + Drink9Price

SET ChangeRevenue = ChangeRevenue + changeNeeded

CALL UpdateCoinCapacity

CALL ClearTempCoins

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage

ELSE

CALL ClearTempCoins

END IF

SET CreditTotal = 0

SET text in lblCreditTotal = 0  
ELSE

SET image in pbxDisplay = dr\_pepper1

SET Drink9Sold = Drink9Sold + 1

SET CapDrink9 = CapDrink9 - 1

SET SalesRevenue = SalesRevenue + Drink9Price

CALL UpdateCoinCapacity

CALL ClearTempCoins

CALL BreakDownChange

SHOW frmChange

CALL ClearChangePerCoins

SET CreditTotal = 0

SET text in lblCreditTotal = 0

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage

END IF

END IF

**“Sprite Image” Button Pressed**

IF CreditTotal < Drink10Price THEN

OUTPUT “Insufficient Funds” in a message box  
END IF

IF CreditTotal = Drink10Price THEN

OUTPUT “Thank you for your order.” in a message box

SET image in pbxDisplay = Sprite\_can1 [image]

SET Drink10Sold = Drink10Sold + 1

SET CapDrink10 = CapDrink10 - 1

SET SalesRevenue = SalesRevenue + Drink10Price

CALL UpdateCoinCapacity

CALL ClearTempCoins

SET CreditTotal = 0

SET text in lblCreditTotal = 0

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage  
END IF

IF CreditTotal > Drink10Price THEN

SET changeNeeded = CreditTotal – Drink10Price

CALL CalcMoneyAvailable

OUTPUT “Thank you for your order. We’re calculating your change” in a message box

IF changeNeeded > moneyAvailable THEN

SHOW frmNoChange

IF forfeitChange = true THEN

SET image in pbxDisplay = Sprite\_can1

SET Drink10Sold = Drink2Sold + 10

SET CapDrink10 = CapDrink2 - 10

SET SalesRevenue = SalesRevenue + Drink10Price

SET ChangeRevenue = ChangeRevenue + changeNeeded

CALL UpdateCoinCapacity

CALL ClearTempCoins

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage

ELSE

CALL ClearTempCoins

END IF

SET CreditTotal = 0

SET text in lblCreditTotal = 0  
ELSE

SET image in pbxDisplay = Sprite\_can1

SET Drink10Sold = Drink10Sold + 1

SET CapDrink10 = CapDrink10 - 1

SET SalesRevenue = SalesRevenue + Drink10Price

CALL UpdateCoinCapacity

CALL ClearTempCoins

CALL BreakDownChange

SHOW frmChange

CALL ClearChangePerCoins

SET CreditTotal = 0

SET text in lblCreditTotal = 0

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage

END IF

END IF

**“San Pelligrino Image” Button Pressed**

IF CreditTotal < Drink11Price THEN

OUTPUT “Insufficient Funds” in a message box  
END IF

IF CreditTotal = Drink11Price THEN

OUTPUT “Thank you for your order.” in a message box

SET image in pbxDisplay = San\_pell\_orange1 [image]

SET Drink11Sold = Drink11Sold + 1

SET CapDrink11 = CapDrink11 - 1

SET SalesRevenue = SalesRevenue + Drink11Price

CALL UpdateCoinCapacity

CALL ClearTempCoins

SET CreditTotal = 0

SET text in lblCreditTotal = 0

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage  
END IF

IF CreditTotal > Drink11Price THEN

SET changeNeeded = CreditTotal – Drink11Price

CALL CalcMoneyAvailable

OUTPUT “Thank you for your order. We’re calculating your change” in a message box

IF changeNeeded > moneyAvailable THEN

SHOW frmNoChange

IF forfeitChange = true THEN

SET image in pbxDisplay = San\_pell\_orange1

SET Drink11Sold = Drink11Sold + 1

SET CapDrink11 = CapDrink11 - 1

SET SalesRevenue = SalesRevenue + Drink11Price

SET ChangeRevenue = ChangeRevenue + changeNeeded

CALL UpdateCoinCapacity

CALL ClearTempCoins

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage

ELSE

CALL ClearTempCoins

END IF

SET CreditTotal = 0

SET text in lblCreditTotal = 0  
ELSE

SET image in pbxDisplay = San\_pell\_orange1

SET Drink11Sold = Drink11Sold + 1

SET CapDrink11 = CapDrink11 - 1

SET SalesRevenue = SalesRevenue + Drink11Price

CALL UpdateCoinCapacity

CALL ClearTempCoins

CALL BreakDownChange

SHOW frmChange

CALL ClearChangePerCoins

SET CreditTotal = 0

SET text in lblCreditTotal = 0

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage

END IF

END IF

**“Tango Image” Button Pressed**

IF CreditTotal < Drink12Price THEN

OUTPUT “Insufficient Funds” in a message box  
END IF

IF CreditTotal = Drink12Price THEN

OUTPUT “Thank you for your order.” in a message box

SET image in pbxDisplay = Tango\_can1 [image]

SET Drink12Sold = Drink12Sold + 1

SET CapDrink12 = CapDrink12 - 1

SET SalesRevenue = SalesRevenue + Drink12Price

CALL UpdateCoinCapacity

CALL ClearTempCoins

SET CreditTotal = 0

SET text in lblCreditTotal = 0

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage  
END IF

IF CreditTotal > Drink12Price THEN

SET changeNeeded = CreditTotal – Drink12Price

CALL CalcMoneyAvailable

OUTPUT “Thank you for your order. We’re calculating your change” in a message box

IF changeNeeded > moneyAvailable THEN

SHOW frmNoChange

IF forfeitChange = true THEN

SET image in pbxDisplay = Tango\_can1

SET Drink12Sold = Drink12Sold + 1

SET CapDrink12 = CapDrink12 - 1

SET SalesRevenue = SalesRevenue + Drink12Price

SET ChangeRevenue = ChangeRevenue + changeNeeded

CALL UpdateCoinCapacity

CALL ClearTempCoins

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage

ELSE

CALL ClearTempCoins

END IF

SET CreditTotal = 0

SET text in lblCreditTotal = 0  
ELSE

SET image in pbxDisplay = Tango\_can1

SET Drink12Sold = Drink12Sold + 1

SET CapDrink12 = CapDrink12 - 1

SET SalesRevenue = SalesRevenue + Drink12Price

CALL UpdateCoinCapacity

CALL ClearTempCoins

CALL BreakDownChange

SHOW frmChange

CALL ClearChangePerCoins

SET CreditTotal = 0

SET text in lblCreditTotal = 0

OUTPUT “Please take your drink.” in a message box

SET image in pbxDisplay = vendingimage

END IF

END IF

**“Help” Button Pressed**

SHOW frmHelp [form]

**“Administrator Login” Button Pressed**

SHOW frmLogin [form]

CLOSE Form1 [current form]

**“Return” Button Pressed**

OUTPUT “Transaction Cancelled. Have a nice day.” in message box

SET text in lblCreditTotal = “”

CALL ClearTempCoins