***Manager Form Pseudo code:***

**Event:**

**Form Load**

SET index of cmbDrink = 0 [combo box]

SET index of cmbFunction = 0 [combo box]

SET index of cmbDrink2 = 0 [combo box]

SET index of cmbCoin = 0 [combo box]

SET text in txtCoke = CapDrink1 [textbox] [whole number]

SET text in txtDietCoke = CapDrink2 [textbox] [whole number]

SET text in txt7up = CapDrink3 [textbox] [whole number]

SET text in txt7upFree = CapDrink4 [textbox] [whole number]

SET text in txtFanta = CapDrink5 [textbox] [whole number]

SET text in txtLilt = CapDrink6 [textbox] [whole number]

SET text in txtPepsi = CapDrink7 [textbox] [whole number]

SET text in txtPepsiMax = CapDrink8 [textbox] [whole number]

SET text in txtDrPepper = CapDrink9 [textbox] [whole number]

SET text in txtSprite = CapDrink10 [textbox] [whole number]

SET text in txtSanPell = CapDrink11 [textbox] [whole number]

SET text in txtTango = CapDrink12 [textbox] [whole number]

SET text in txt2euro = Cap2euro [textbox] [whole number]

SET text in txt1euro = Cap1euro [textbox] [whole number]

SET text in txt50cent = Cap50cent [textbox] [whole number]

SET text in txt20cent = Cap20cent [textbox] [whole number]

SET text in txt10cent = Cap10cent [textbox] [whole number]

SET text in txt5cent = Cap5cent [textbox] [whole number]

**Drink Quantity Entered**

IF text in txtDrinkQuantity = ”” THEN [textbox]

Disable btnUpdateDrink [button]

ELSE

Enable btnUpdateDrink

END IF

IF NOT Input = Digit

Output “Invalid Input” in message box

SET txtDrinkQuantity = “”

END IF

**“Update Drink” Button Pressed**

IF index of cmbDrink = 0 THEN

IF CapDrink1 + text in txtDrinkQuantity > 20 THEN

OUTPUT “Cannot Stock over 20 units of 1 Drink” in message box

SET txtDrinkQuantity = “”

ELSE

SET CapDrink1 = CapDrink1 + text in txtDrinkQuantity

SET text in txtCoke = CapDrink1

SET txtDrinkQuantity = “”

END IF

ELSE IF index of cmbDrink = 1 THEN

IF CapDrink2 + text in txtDrinkQuantity > 20 THEN

OUTPUT “Cannot Stock over 20 units of 1 Drink” in message box

SET txtDrinkQuantity = “”

ELSE

SET CapDrink2 = CapDrink2 + text in txtDrinkQuantity

SET text in txtDietCoke = CapDrink2

SET txtDrinkQuantity = “”

END IF

ELSE IF index of cmbDrink = 2 THEN

IF CapDrink3 + text in txtDrinkQuantity > 20 THEN

OUTPUT “Cannot Stock over 20 units of 1 Drink” in message box

SET txtDrinkQuantity = “”

ELSE

SET CapDrink3 = CapDrink3 + text in txtDrinkQuantity

SET text in txt7up = CapDrink3

SET txtDrinkQuantity = “”

END IF

ELSE IF index of cmbDrink = 3 THEN

IF CapDrink4 + text in txtDrinkQuantity > 20 THEN

OUTPUT “Cannot Stock over 20 units of 1 Drink” in message box

SET txtDrinkQuantity = “”

ELSE

SET CapDrink4 = CapDrink4 + text in txtDrinkQuantity

SET text in txt7upFree = CapDrink4

SET txtDrinkQuantity = “”

END IF

ELSE IF index of cmbDrink = 4 THEN

IF CapDrink5 + text in txtDrinkQuantity > 20 THEN

OUTPUT “Cannot Stock over 20 units of 1 Drink” in message box

SET txtDrinkQuantity = “”

ELSE

SET CapDrink5 = CapDrink5 + text in txtDrinkQuantity

SET text in txtFanta = CapDrink5

SET txtDrinkQuantity = “”

END IF

ELSE IF index of cmbDrink = 5 THEN

IF CapDrink6 + text in txtDrinkQuantity > 20 THEN

OUTPUT “Cannot Stock over 20 units of 1 Drink” in message box

SET txtDrinkQuantity = “”

ELSE

SET CapDrink6 = CapDrink6 + text in txtDrinkQuantity

SET text in txtLilt = CapDrink6

SET txtDrinkQuantity = “”

END IF

ELSE IF index of cmbDrink = 6 THEN

IF CapDrink7 + text in txtDrinkQuantity > 20 THEN

OUTPUT “Cannot Stock over 20 units of 1 Drink” in message box

SET txtDrinkQuantity = “”

ELSE

SET CapDrink7 = CapDrink7 + text in txtDrinkQuantity

SET text in txtPepsi = CapDrink7

SET txtDrinkQuantity = “”

END IF

ELSE IF index of cmbDrink = 7 THEN

IF CapDrink8 + text in txtDrinkQuantity > 20 THEN

OUTPUT “Cannot Stock over 20 units of 1 Drink” in message box

SET txtDrinkQuantity = “”

ELSE

SET CapDrink8 = CapDrink8 + text in txtDrinkQuantity

SET text in txtPepsiMax = CapDrink8

SET txtDrinkQuantity = “”

END IF

ELSE IF index of cmbDrink = 8 THEN

IF CapDrink9 + text in txtDrinkQuantity > 20 THEN

OUTPUT “Cannot Stock over 20 units of 1 Drink” in message box

SET txtDrinkQuantity = “”

ELSE

SET CapDrink9 = CapDrink9 + text in txtDrinkQuantity

SET text in txtDrPepper = CapDrink9

SET txtDrinkQuantity = “”

END IF

ELSE IF index of cmbDrink = 9 THEN

IF CapDrink10 + text in txtDrinkQuantity > 20 THEN

OUTPUT “Cannot Stock over 20 units of 1 Drink” in message box

SET txtDrinkQuantity = “”

ELSE

SET CapDrink10 = CapDrink10 + text in txtDrinkQuantity

SET text in txtSprite = CapDrink10

SET txtDrinkQuantity = “”

END IF

ELSE IF index of cmbDrink = 10 THEN

IF CapDrink11 + text in txtDrinkQuantity > 20 THEN

OUTPUT “Cannot Stock over 20 units of 1 Drink” in message box

SET txtDrinkQuantity = “”

ELSE

SET CapDrink11 = CapDrink11 + text in txtDrinkQuantity

SET text in txtSanPell = CapDrink11

SET txtDrinkQuantity = “”

END IF

ELSE IF index of cmbDrink = 11 THEN

IF CapDrink12 + text in txtDrinkQuantity > 20 THEN

OUTPUT “Cannot Stock over 20 units of 1 Drink” in message box

SET txtDrinkQuantity = “”

ELSE

SET CapDrink12 = CapDrink12 + text in txtDrinkQuantity

SET text in txtTango = CapDrink12

SET txtDrinkQuantity = “”

END IF

OPEN DrinksCapacity.txt for OUTPUT [text file]

SET CapDrink1 to 1st Line of DrinksCapacity.txt

SET CapDrink2 to 2nd Line of DrinksCapacity.txt

SET CapDrink3 to 3rd Line of DrinksCapacity.txt

SET CapDrink4 to 4th Line of DrinksCapacity.txt

SET CapDrink5 to 5th Line of DrinksCapacity.txt

SET CapDrink6 to 6th Line of DrinksCapacity.txt

SET CapDrink7 to 7th Line of DrinksCapacity.txt

SET CapDrink8 to 8th Line of DrinksCapacity.txt

SET CapDrink9 to 9th Line of DrinksCapacity.txt

SET CapDrink10 to 10th Line of DrinksCapacity.txt

SET CapDrink11 to 11th Line of DrinksCapacity.txt

SET CapDrink12 to 12th Line of DrinksCapacity.txt

CLOSE DrinksCapacity.txt

**Coin Quantity Entered**

IF NOT Input = Digit

Output “Invalid Input” in message box

SET txtCoinQuantity = “” [textbox]

END IF

IF text in txtCoinQuantity = ”” THEN

Disable btnUpdateCoin [button]

ELSE

Enable btnUpdateCoin

END IF

**“Update Coin” Button Pressed**

IF index of cmbFunction = 0 THEN

IF index of cmbCoin = 0 THEN

IF Cap2euro + text in txtCoinQuantity > 450 THEN

OUTPUT “Additional Space Needed for Transactions” in message box

SET txtCoinQuantity = “”

ELSE

SET Cap2euro = Cap2euro + text in txtCoinQuantity

SET text in txt2euro = Cap2euro

SET txtCoinQuantity = “”

END IF

ELSE IF index of cmbCoin = 1 THEN

IF Cap1euro + text in txtCoinQuantity > 250 THEN

OUTPUT “Additional Space Needed for Transactions” in message box

SET txtCoinQuantity = “”

ELSE

SET Cap1euro = Cap1euro + text in txtCoinQuantity

SET text in txt1euro = Cap1euro

SET txtCoinQuantity = “”

END IF

ELSE IF index of cmbCoin = 2 THEN

IF Cap50cent + text in txtCoinQuantity > 150 THEN

OUTPUT “Additional Space Needed for Transactions” in message box

SET txtCoinQuantity = “”

ELSE

SET Cap50cent = Cap50cent + text in txtCoinQuantity

SET text in txt50cent = Cap50cent

SET txtCoinQuantity = “”

END IF

ELSE IF index of cmbCoin = 3 THEN

IF Cap20cent + text in txtCoinQuantity > 150 THEN

OUTPUT “Additional Space Needed for Transactions” in message box

SET txtCoinQuantity = “”

ELSE

SET Cap20cent = Cap20cent + text in txtCoinQuantity

SET text in txt20cent = Cap20cent

SET txtCoinQuantity = “”

END IF

ELSE IF index of cmbCoin = 4 THEN

IF Cap10cent + text in txtCoinQuantity > 150 THEN

OUTPUT “Additional Space Needed for Transactions” in message box

SET txtCoinQuantity = “”

ELSE

SET Cap10cent = Cap10cent + text in txtCoinQuantity

SET text in txt10cent = Cap10cent

SET txtCoinQuantity = “”

END IF

ELSE IF index of cmbCoin = 5 THEN

IF Cap5cent + text in txtCoinQuantity > 150 THEN

OUTPUT “Additional Space Needed for Transactions” in message box

SET txtCoinQuantity = “”

ELSE

SET Cap5cent = Cap5cent + text in txtCoinQuantity

SET text in txt5cent = Cap5cent

SET txtCoinQuantity = “”

END IF

END IF

ELSE IF index of cmbFunction = 1 THEN

IF index of cmbCoin = 0 THEN

IF Cap2euro - text in txtCoinQuantity < 50 THEN

OUTPUT “Additional Coins Needed for Transactions” in message box

SET txtCoinQuantity = “”

ELSE

SET Cap2euro = Cap2euro - text in txtCoinQuantity

SET text in txt2euro = Cap2euro

SET AmountRemoved = AmountRemoved + (txtCoinQuantity x 2) [decimal number]

SET txtCoinQuantity = “”

END IF

ELSE IF index of cmbCoin = 1 THEN

IF Cap1euro - text in txtCoinQuantity < 50 THEN

OUTPUT “Additional Coins Needed for Transactions” in message box

SET txtCoinQuantity = “”

ELSE

SET Cap1euro = Cap1euro - text in txtCoinQuantity

SET text in txt1euro = Cap1euro

SET AmountRemoved = AmountRemoved + (txtCoinQuantity x 1)

SET txtCoinQuantity = “”

END IF

ELSE IF index of cmbCoin = 2 THEN

IF Cap50cent - text in txtCoinQuantity < 50 THEN

OUTPUT “Additional Coins Needed for Transactions” in message box

SET txtCoinQuantity = “”

ELSE

SET Cap50cent = Cap50cent - text in txtCoinQuantity

SET text in txt50cent = Cap50cent

SET AmountRemoved = AmountRemoved + (txtCoinQuantity x 0.5)

SET txtCoinQuantity = “”

END IF

ELSE IF index of cmbCoin = 3 THEN

IF Cap20cent - text in txtCoinQuantity < 50 THEN

OUTPUT “Additional Coins Needed for Transactions” in message box

SET txtCoinQuantity = “”

ELSE

SET Cap20cent = Cap20cent - text in txtCoinQuantity

SET text in txt20cent = Cap20cent

SET AmountRemoved = AmountRemoved + (txtCoinQuantity x 0.2)

SET txtCoinQuantity = “”

END IF

ELSE IF index of cmbCoin = 4 THEN

IF Cap10cent - text in txtCoinQuantity < 50 THEN

OUTPUT “Additional Coins Needed for Transactions” in message box

SET txtCoinQuantity = “”

ELSE

SET Cap10cent = Cap10cent - text in txtCoinQuantity

SET text in txt10cent = Cap10cent

SET AmountRemoved = AmountRemoved + (txtCoinQuantity x 0.1)

SET txtCoinQuantity = “”

END IF

ELSE IF index of cmbCoin = 5 THEN

IF Cap5cent - text in txtCoinQuantity < 50 THEN

OUTPUT “Additional Coins Needed for Transactions” in message box

SET txtCoinQuantity = “”

ELSE

SET Cap5cent = Cap5cent - text in txtCoinQuantity

SET text in txt5cent = Cap5cent

SET AmountRemoved = AmountRemoved + (txtCoinQuantity x 0.05)

SET txtCoinQuantity = “”

END IF

END IF

END IF

OPEN CoinCapacity.txt for OUTPUT [text file]

SET Cap2euro to 1st Line of CoinCapacity.txt

SET Cap1euro to 2nd Line of CoinCapacity.txt

SET Cap50cent to 3rd Line of CoinCapacity.txt

SET Cap20cent to 4th Line of CoinCapacity.txt

SET Cap10cent to 5th Line of CoinCapacity.txt

SET Cap5cent to 6th Line of CoinCapacity.txt

CLOSE CoinCapacity.txt

**Drink Selected for re-pricing**

IF index of cmbDrink2 = 0 THEN

SET text in txtCurrentCost = Drink1Price [textbox] [decimal number]

ELSE IF index of cmbDrink2 = 1 THEN

SET text in txtCurrentCost = Drink2Price [decimal number]

ELSE IF index of cmbDrink2 = 2 THEN

SET text in txtCurrentCost = Drink3Price [decimal number]

ELSE IF index of cmbDrink2 = 3 THEN

SET text in txtCurrentCost = Drink4Price [decimal number]

ELSE IF index of cmbDrink2 = 4 THEN

SET text in txtCurrentCost = Drink5Price [decimal number]

ELSE IF index of cmbDrink2 = 5 THEN

SET text in txtCurrentCost = Drink6Price [decimal number]

ELSE IF index of cmbDrink2 = 6 THEN

SET text in txtCurrentCost = Drink7Price [decimal number]

ELSE IF index of cmbDrink2 = 7 THEN

SET text in txtCurrentCost = Drink8Price [decimal number]

ELSE IF index of cmbDrink2 = 8 THEN

SET text in txtCurrentCost = Drink9Price [decimal number]

ELSE IF index of cmbDrink2 = 9 THEN

SET text in txtCurrentCost = Drink10Price [decimal number]

ELSE IF index of cmbDrink2 = 10 THEN

SET text in txtCurrentCost = Drink11Price [decimal number]

ELSE IF index of cmbDrink2 = 11 THEN

SET text in txtCurrentCost = Drink12Price [decimal number]

END IF

**New Price Entered**

IF NOT Input = Digit OR “.”

Output “Invalid Input” in message box

SET txtNewCost = “” [textbox]

END IF

IF text in txtNewCost = ”” THEN

Disable btnUpdatePrice [button]

ELSE

Enable btnUpdatePrice

END IF

**“Update Price” Button Pressed**

IF index of cmbDrink2 = 0 THEN

SET Drink1Price = text in txtNewCost

SET txtNewCost = “”

ELSE IF index of cmbDrink2 = 1 THEN

SET Drink2Price = text in txtNewCost

SET txtNewCost = “”

ELSE IF index of cmbDrink2 = 2 THEN

SET Drink3Price = text in txtNewCost

SET txtNewCost = “”

ELSE IF index of cmbDrink2 = 3 THEN

SET Drink4Price = text in txtNewCost

SET txtNewCost = “”

ELSE IF index of cmbDrink2 = 4 THEN

SET Drink5Price = text in txtNewCost

SET txtNewCost = “”

ELSE IF index of cmbDrink2 = 5 THEN

SET Drink6Price = text in txtNewCost

SET txtNewCost = “”

ELSE IF index of cmbDrink2 = 6 THEN

SET Drink7Price = text in txtNewCost

SET txtNewCost = “”

ELSE IF index of cmbDrink2 = 7 THEN

SET Drink8Price = text in txtNewCost

SET txtNewCost = “”

ELSE IF index of cmbDrink2 = 8 THEN

SET Drink9Price = text in txtNewCost

SET txtNewCost = “”

ELSE IF index of cmbDrink2 = 9 THEN

SET Drink10Price = text in txtNewCost

SET txtNewCost = “”

ELSE IF index of cmbDrink2 = 10 THEN

SET Drink11Price = text in txtNewCost

SET txtNewCost = “”

ELSE IF index of cmbDrink2 = 11 THEN

SET Drink12Price = text in txtNewCost

SET txtNewCost = “”

END IF

OPEN DrinksPrices.txt for OUTPUT [text file]

SET Drink1Price to 1st Line of DrinksPrices.txt

SET Drink2Price to 2nd Line of DrinksPrices.txt

SET Drink3Price to 3rd Line of DrinksPrices.txt

SET Drink4Price to 4th Line of DrinksPrices.txt

SET Drink5Price to 5th Line of DrinksPrices.txt

SET Drink6Price to 6th Line of DrinksPrices.txt

SET Drink7Price to 7th Line of DrinksPrices.txt

SET Drink8Price to 8th Line of DrinksPrices.txt

SET Drink9Price to 9th Line of DrinksPrices.txt

SET Drink10Price to 10th Line of DrinksPrices.txt

SET Drink11Price to 11th Line of DrinksPrices.txt

SET Drink12Price to 12th Line of DrinksPrices.txt

CLOSE DrinksPrices.txt

**“Print Report” Button Pressed**

SHOW frmReport [form]

CLOSE frmManager [current form]

**“Exit” Button Pressed**

CLOSE frmManager