Go to section ‘calculate\_taxes’

Display the ‘total\_price’ to the costumer

Display the ‘total\_tax’ to the costumer

Sum ‘total\_price’ with ‘total\_tax’

Thank the costumer for his shopping

Go to section ‘deb\_credit\_payment’

Go to section ‘cash\_payment’

Ask the costumer how does he would like to pay

Display the final ‘total\_price’ to the costumer

CASH Debit or Credit

Set the variable ‘total\_tax’ to (0)

Set the variable ‘item’ to (1)

If the ‘item’ is taxable?

‘item’ is less than NO

or equal to ‘total\_items

YES

Calculate 13% of the ‘item’

Increment ‘item’ by (1)

Add the tax value to the ‘total\_tax’

If ‘item’ is more than ‘total\_items’

Return

If costumer wanted to pay with VISA or MASTERCARD

VISA MASTERCARD

TAP or INSERT card

TAP or INSERT card

INSERT INSERT

TAP TAP

Ask the costumer his pin code

Send the card information to VISA Server

Send the card information to MASTERCARD Server

Ask the costumer his pin code

Get the response from the payment server

If payment was successful

UNSUCCESSFUL SUCCESSFUL

If he wants to

1.try with another card

2.pay with cash

3.return items

1

Print the receipt

3

Send an employee toget the items

Allow the costumer to leave the store

Return

2

Go to section ‘cash\_payment’

Ask the costumer to pay the ‘total\_price’

Calculate the remainder

‘remainder = ‘total\_price’ – ‘total\_paid’

If the remainder

1.is zero

2.is positive

3.is negative

2 3

Save the ‘total\_price’ into ‘original\_price’

Give back the costumer the absolute value of remainder

Save the remainder into ‘total\_price’

1

Ask the costumer to pay ‘total\_price’

Print the receipt

PAID

If paid

Allow the costumer to leave the store

NOT PAID

Give all his money back

‘original\_price’ + ‘total\_price’

Return

Send an employee to get the items