Start

Initiate new scanner

Initiate an array of types of candles(3)

Display application heading

For loop for user entry for each candle type information

Name of candle

Prince of candle

Burn time of candle

Number of candles to purchase

Initiate variable for total cost

Calculate total cost

Initiate variable for discount

If statement for discount of 5%

if statement for discount of 7%

if statement for discount of 10%

if statement for discount of 20%

Calculate total discounted price

Initiate variable for burn time

Calculate total burn time

Initiate variable for Cost per minute

Calculate total cost per minute

Display total price

Display total discounted price

Display total burn time

Display total cost per minute

Display histogram heading

For loop to display # for number of purchases for type 1

For loop to display @ for number of purchases for type 2

For loop to display + for number of purchases for type 3

Close scanner

End