

Pseudocode

Import the java scanner
Define the class CandleShop
Define candle type1 cost
Define candle type2 cost
Define candle type3 cost
Define the candle type1 burntime
Define the candle type2 burntime
Define the candle type3 burntime
Print out "Welcome to Johnathan's Candle Shop!"
Print out "How many candles of Type 1 did you purchase?"
Define the scanner for candle 1
Define the candle type1 integer
Print out "How many candles of Type 2 did you purchase?"
Define the scanner for candle 2
Define the candle type2 integer
Print out "How many candles of Type 3 did you purchase?"
Define the scanner for candle 3
Define the candle type3 integer
Define the final Candle1 Cost and set it equal to candle Type1 * candle Type1
Define the final Candle2 Cost and set it equal to candle Type2 * candle Type2
Define the final Candle3 Cost and set it equal to candle Type3 * candle Type3
Define the total Burn Time for Candle 1 and set it equal to candle Type1 Burn Time * candleType1
Define the cost Per Minute for candle 1 and set it equal to total Burn Time candle 1 divided by 60
Define the total Burn Time for Candle 2 and set it equal to candle Type2 Burn Time * candleType2
Define the cost Per Minute for candle 2 and set it equal to total Burn Time candle 2 divided by 60
Define the total Burn Time for Candle 3 and set it equal to candle Type3 Burn Time * candleType3
Define the cost Per Minute for candle 3 and set it equal to total Burn Time candle 3 divided by 60
Define the total Burn Time and set it equal to candle Type 1 Burn Time * candle Type1 + Type 2 Burn Time * candle Type2 + Type 3 Burn Time * candle Type3
Define the total Cost Per Minute and set it equal to cost Per Minute1 + cost Per Minute2 + cost Per Minute 3
Define the total Price and set it equal to final Candle1 Cost + finalCandle2Cost + final Candle3 Cost
Print out "Your total cost for " candleType1 " of candle Type 1, " candleType2 " of candle Type 2, and " candleType3 " of candle type 3 is \$totalPrice " with a total burn time of" totalBurnTime "hours" " and a total cost-per-minute of " \$totalCostPerMinute

