**`Flowchart Practice**

Output square footage

Number of rooms - 1

Is the number of rooms = 0?

Calculate square footage = length x width

Input the length and the width of one room

Input the number of rooms to be calculated

Start

Yes

No

Add all areas of square footage

Output total square footage

End

Start

Input amount of the loan

Input interest rate (monthly)

Multiply amount of loan by interest rate (monthly) = l x r

Multiply monthly interest by 12 = M x 12

Output total interest in a year

End



End

Divide added up marks by 4 = mt / 4

Add grades =

m1 + m2 + m3 + m4

Input Grades

Start

Output average

Is the average mark 80% or higher?

Yes

Output Honours

No

Output NO Honours

Start

Input cost of items

Input weight of items (Pounds)

Add up cost of all items

Add up weight of all items

Multiply cost of all items by 0.13

Add that to cost of all items as sales tax

Is the customer located in Canada, United States, or Other International Location?

A

End

Output cost of all items

Output sales tax of all items

Output weight of all items

Output shipping fee of all items

Output total cost of transaction

Multiply weight of all items by 0.50

Add that to cost of all items as shipping fee

Multiply weight of all items by 0.35

Add that to cost of all items as shipping fee

Multiply weight of all items by 0.25

Add that to cost of all items as shipping fee

Input Other International Location

Input United States

Input Canada

A