1. Receive input containing the following information:
2. Total area to be painted.
3. Number of cans of base paint required.
4. Number of cans of finishing paint required.
5. Calculate the total cost of base paint:
6. Unit cost per can of base paint ($46.25).
7. Number of can required.
8. Total cost of base paint = Unit cost per can\* number of can required.
9. Calculate the total cost of finishing paint:
10. Unit cost per can of finishing paint ($54.50).
11. Number of cans required.
12. Total cost of finishing paint = Unit cost per can \* Number of cans required.
13. Display the itemized listing of the estimate:
14. Show the details of base paint (if applicable):

a.1 Base paint: [Number of cans] cans x $46.25 = [Total cost of base paint]

1. Show the details of finishing paint:

a.1 Finishing paint: [Number of cans] cans x $54.50 = [Total cost of finishing paint].

1. Calculate the sub-total before taxes:
2. Sub-total = Total cost of base paint (if applicable) + Total cost of finishing paint.
3. Calculate the taxes (HST) amount at a rate of 13%:
4. Taxes = 13% of the sub-total.
5. Calculate the total cost including taxes:
6. Total cost = Sub-total + Taxes.
7. Display the final output to the customer:
8. Total area to be painted.
9. Itemized listing of the paint, unit cost/can, quantities, and total cost.
10. Sub-Total before taxes.
11. Taxes (HST) amount.
12. Total cost of the estimate (sub-total + taxes).
13. End of the process