```
1 start
2     Declarations
3         final num BASIC_RATE = 5
4         final num MAX_THRESHOLD_START = 180
5         final num MAX_THRESHOLD_PRICE_PER_MESSAGE = 0.10
6         final num MED_THRESHOLD_START = 60
7         final num MED_THRESHOLD_PRICE_PER_MESSAGE = 0.05
8         final num TAX_RATE = 0.12
9         num medMaxCharge = (MAX_THRESHOLD_START - MED_THRESHOLD_START) * MED_THRESHOLD_PRICE_PER_MESSAGE
10        string areaCode = ""
11        string phoneNumber = ""
12        num msgCount = 0
13        num totalBill = 0
14        num taxAmount = 0
15        num totalBillWithTax = 0
16
17    Output "Please enter area code: "
18    Input areaCode
19    Output "Please enter phone number: "
20    Input phoneNumber
21    Output "Please enter number of messages: "
22    Input msgCount
23
24    if (msgCount > MAX_THRESHOLD_START)
25        totalBill = ((msgCount - MAX_THRESHOLD_START) * MAX_THRESHOLD_PRICE_PER_MESSAGE) +
26                    medMaxCharge + BASIC_RATE
27    else if (msgCount > MED_THRESHOLD_START)
28        totalBill = ((msgCount - MED_THRESHOLD_START) * MED_THRESHOLD_PRICE_PER_MESSAGE) +
29                    BASIC_RATE
30    else
31        totalBill = BASIC_RATE
32    endif
33
34    taxAmount = totalBill * TAX_RATE
35    totalBillWithTax = taxAmount + totalBill
36
37    Output "Your total bill before taxes is: " + totalBill
38    Output "Your total taxes are: " + taxAmount
39    Output "Your total bill including taxes is: " + totalBillWithTax
40
41 stop
```