1.Write a pseudocode and flowchart using the while loop to find the sum of the integers 73 through 415 inclusive.

2. Write a pseudocode and flowchart to read number from the keyboard until a character '* 'is read. Use a *sentinel-controlled while* loop to stop the program. Display the sum of the numbers.

3. Write a pseudocode and flowchart that can be used as a math tutor for a young student.The user will be asked to enter two number. The numbers should be added, and the sum displayed. The user should be asked if she or he wishes to perform the operation again. If so, the loop should repeat; otherwise it should terminate.

4. write a loop that lets the user to enter a number. The number should be multiplied by 10, and the result stored in the variable product. The loop should iterate as long as product contains a value less than 100.

5.Assume that a software company sells a product that retails RM99 per unit.

| Quantity | Discount |
|---|---|
| 10-19 | 20% |
| 20-49 | 30% |
| 50 and above | 40% |

Write  a pseudocode/flowchart that asks for the number of units sold and computes the total cost of the purchase after discounted. (assume the number of unit is > 0).