Inputs:

- 4 Integers from keyboard

Outputs:

- Message asking user to enter integer
- Message to exit or continue while loop
- Message displaying maxFeature

Variables:

- Input – DWORD placehoulder for inputted integer: A0
- Input – DWORD placehoulder for inputted integer: A1
- Input – DWORD placehoulder for inputted integer: W0
- Input – DWORD placehoulder for inputted integer: W1
- Input – DWORD placehoulder for calculated integer: maxFeature

- Output – BYTE for asking user to input integer: strIntegerA0
- Output – BYTE for asking user to input integer: strIntegerA1
- Output – BYTE for asking user to input integer: strIntegerW0
- Output – BYTE for asking user to input integer: strIntegerA1
- Output – BYTE for asking user to input integer to exit loop: strIntegerExit
- Output – BYTE for asking displaying maxFeature: strOutputMax

Algorithm:

1. Asks users to input 4 integers, and stores in A0,A1,W0,W1
2. Asks users to either exit loop, or continue (go back to line 1)
3. Divide A0 by W0, and round up if any remainder
4. Divide A1 by W1 and round up if any remainder
5. Compare if A0/W0 or A1/W1 is bigger, by checking if the difference between them is negative or positive.

Flow Diagram: