Inputs:

- 4 array Integers from keyboard
- Bias Integer from keyboard
- Kernal Integer from keyboard

Outputs:

- Message asking user to enter kernal integer
- Message asking user to enter bias integer
- Message asking user to enter 4 array integers (image integer)
- Message to exit or continue while loop
- Message displaying output calculation of array (feature output)

Variables:

- Input – DWORD array placehoulder for 4 inputted integesr: imageArray
- Input – DWORD placehoulder for inputted integer: kernal
- Input – DWORD placehoulder for inputted integer: bias

- Output – BYTE for asking user to input integer in array: strInputArray
- Output – BYTE for asking user to input integer of bias: strInputBias
- Output – BYTE for asking user to input integer of kernal: strInputKernal
- Output – BYTE for displaying a space : strSpace
- Output – BYTE for asking user to input integer to exit loop: strIntegerExit
- Output – BYTE for displaying calculated feature array integers: strOutputMax

Algorithm:

1. Asks user to enter bias
2. Asks user to enter kernal
3. Asks user to enter image integer into an array
4. Calculates those integers into a Integer/kernal + bias
5. If calculation is above 255, set value to 255
6. Loop through step 3-5 a total of 4 times
7. Loop through array to display 4 calculations in array
8. Ask user if they want to exit array, or redo calculations with new values

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Flow Diagram: