Assignment#4

Instructions:

The code must be executable on Visual Studio.

Submit a text file in uncompressed format. Submission of Compressed file will not be counted.

Write a program in C++ that declares an unsigned char array of 80 elements and initializes every element with "1." The program then calculates the sum of these 80 elements using MMX instructions through inline assembly programming and displays it on screen.

Hint: The last eight bytes would be summed serially.

Solutions without using MMX instructions would carry no marks.