Question

Write a complete C++ program which is able to perform the addition and subtraction operations on numbers one to five. The user is required to enter the calculation he or she wants to perform in english words with small letters and in a single string, for example "`two plus one`", and "`one minus three`". The result of the calculation should also be displayed in words, for example, "`one minus three is negative two`".

Besides the main function, your program should also define a function that converts a number in word to its integer value, for example, "`one`" to 1, "`two`" to 2 and so on. Figure 1 shows some example runs of what your program should look like. Note that the **bold** text in each example indicates the input entered by the user.

Run 1	What is: **two plus one** Answer: two plus one is three
Run 2	What is: **one minus three** Answer: one minus three is negative two
Run 3	What is: **five minus five** Answer: five minus five is zero
Run 4	What is: **five plus five** Answer: five plus five is ten

Figure 1: Example runs