Create a list in memory of 10 numbers, such as the list on slide 4 of Lecture 11, HLL to assembler. For each, write a short report that includes code, screen shots from code composer as appropriate, and a paragraph that summarizes what you have learned from the exercise.

1) Create a DO loop that will loop through 10 times to add up the sum of the 10 values. Before entry into the loop load the starting address of the list into a register and clear a different register to 0 which will be used for holding the sum. Use Indirect Autoincrement addressing mode to add each element of the list to the register for the sum. Make data and all operation .w operations.

2) Repeat this using a While Loop similar to the setup shown on slide 31, 32 of this lecture.