

5. Data structure question. Consider the situation where a user has an array of words. The operation that is to be performed on this array of data is to sum all of the elements. The array starts at address **0xFF000100** (and progresses to higher addresses). Create code that will calculate the sum of the first 600 values of this array. Assume that there will be no overflow because of the sum.

```

.org 0x3000
lis r10, 0xFF00
ori r10, r10, 0x0100 # pointer to array
lwz r11, 0(r10)      # load first value
li r12, 600          # num of values
mtctr, r12           # load the counter with number of values
loop: addi r10, r10, 0x4 # increment pointer to next word.
      lwz r13, 0(r10)   # load next value
      add r11, r13, r13 # Running Total is in r11
      bdnz loop        # continue until all 600 values summed

```

look again  
got ops here