**Homework 7**

Write the code through symbolic/assembly language to achieve the following code written in high-level language and then translate to binary representation. (Note: binary representation of C-instruction is provided in Appendix). Assume “step” is stored in memory with memory address 16, “sum” is stored in memory with memory address 17, and “i” is stored in memory with memory address 18.

int step = 5;

int sum = 0;

for (int i = 0; i <= 100; i=i+step)

sum += i;



