1. Explain what this assembly code does

SBIC PINB,1
JMP A;
SUBI R16,1;
JMP B;
A: SUBI R16,5;
   JMP B;
B: (Do something)

2. Create a simple assembly subroutine code that performs creates delays for 10 cycles between two tasks. Task 1 and 2 could be turning on and off an LED or setting/resetting an IO pin, you don’t need to write the assembly for tasks. You only need to write a small code for delay subroutine that creates 10 cycle delay.

   Hint: You can use NOP or a counter

Do task 1;
RCALL Delay ;
Do TASK 2;
RCALL Delay