Assignment on 8086: -

1. Draw the block diagram of an 8086 Microprocessor.
2. **If AX= 6699 h and BX= 2AB6 h. Then,** find out the value of “AX” and “BX” after performing the following instruction: -
3. Xchg AH, BL
4. **If CX= ABC0 h and DX= 2BB0 h. Then,** find out the value of “CX” and “DX” after performing the following instruction: -
5. SUB CX, DX
6. **If AX= 6699 h and BX= 2AB6 h. Then,** find out the value of “AX” and “BX” after performing the following instruction: -
7. MUL 04 h
8. **If AX= AB09 h and BX= 2AB6 h. Then,** find out the value of “AX” and “BX” after performing the following instruction: -
9. INC BH
10. **If AX= AB09 h and CX= 4. Then,** find out the value of “AX” and “CX” after performing the following instruction: -
11. L1: ADD AL, 2

Loop L1

1. **If AX= 0002 h and CX= 0004h. Then,** find out the value of “AX” and “CX” after performing the following instruction: -
2. MUL CX

**Solve the assignment with necessary ruff, write it down on a script and then take snap of that, make a pdf and email it to me.**