**HOMEWORK 4**

**1. AH**

**2. Sequence 2 makes zero**

**3. 128**

**4. We are adding F0H and 58H (01011000 and 11110000) as a result we get 50H**

**(01010000) and both input are one or else zero**

**5. 17H after rotating 5 times to the left.**

**6. 79-82=F7(CF=1)-13=E4-1=E3**

**7.**

**a. CBH**

**b. 31H**

**initially, we apply carrying principles, then the decimal adjust which is moving**

**the hex in to base 10.**

**8. (b) the maximum length of the buffer**