**1. LODSB, it loads a byte of data from SI location.**

**2. (a) OUT 256,AL ---------------- port address > 255 , we should use DX**

**(b) IN BL,AL--------------------- Accumulator destination needs we should use DX**

**(d) OUT DX,3CEO-------------- immediate data Is not allowed and it has to a byte**

**3. i15**

**4. in a1,57 ; read data, or al,c0 ; set bits 6 and 7, out 57,a1 ; output data**

**5. Insert, which is the last bit or 8 of AL, which is also on the right.**