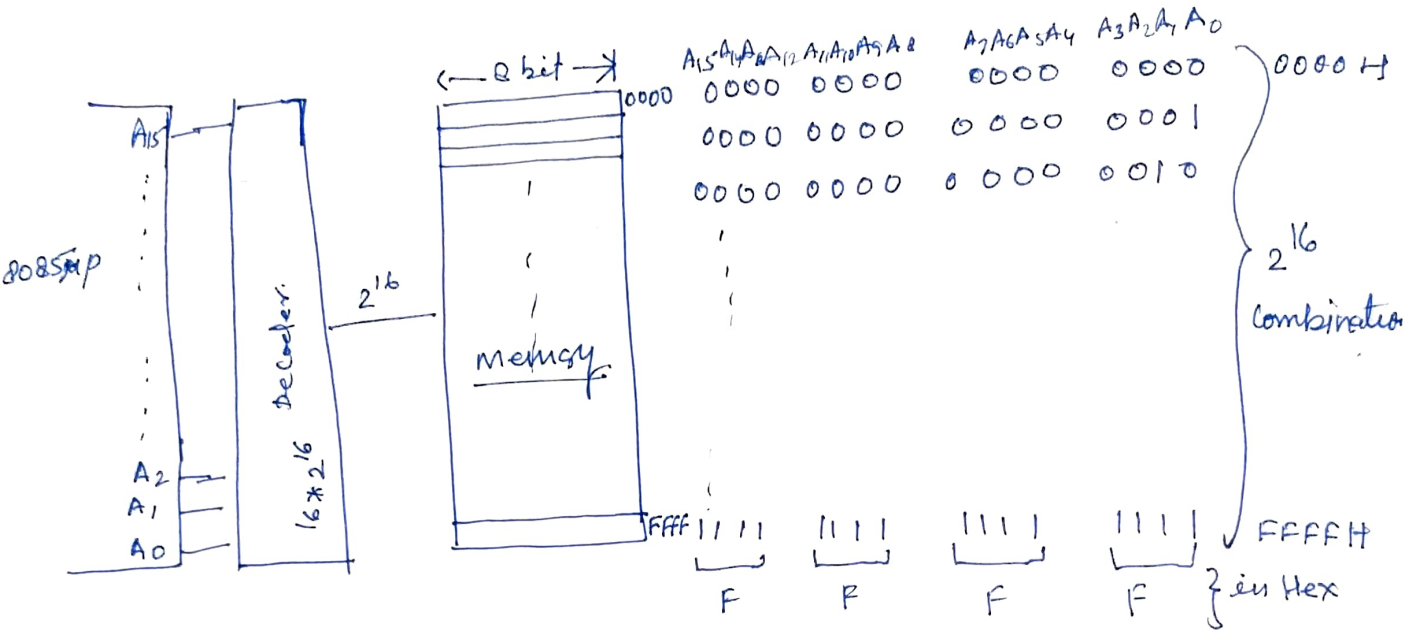


Memory Interfacing 8085



Size of word = 8 bit (8 bit data line)

$$\text{Size of memory} = 2^{16} \times 8 \text{ bit} = 2^{16} \text{ byte} = 2^6 \times 2^{10} = 2^6 \text{ KB} = 64 \text{ KB}$$

Data line:- use to transfer the data

Address line:- use to identify address

Starting Address :- 0000H , Last Address :- FFFFH

* How to interface two memory chip of 32KB

$$32 \text{ KB} = 2^5 \times 2^{10} \text{ B} = 2^{15} \text{ Byte}$$

So 15 Address lines

