

**Registers:** - are storage capacities,

very small <sup>in terms of sizes</sup>  $V(8, 16, 32, 64 \text{ bits})$  but  
very fast in terms of access speed,  
used for temporary store of the  
operands (commands, data, addresses) with  
which the processor works.

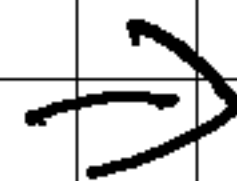
base 10 - an INTERPRETATION mechanism

base 2 - is a REPRESENTATION mechanism

base 16 - is a REPRESENTATION mechanism  
(compact one)

data type = structure + **associated operations**

- data encapsulation
- inheritance
- polymorphism



OOP

data type = size of representation

8086 processor