

# Informatica

Vittorio Zuccalà

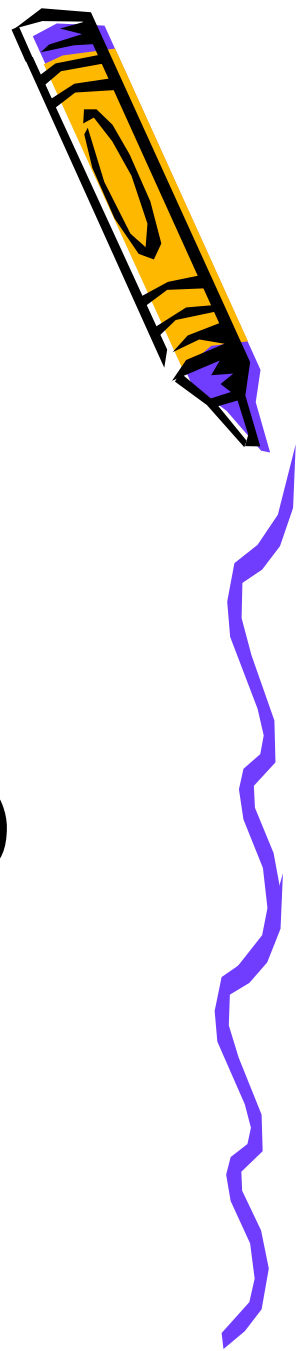


# Argomenti di oggi

- Cosa è un computer
- Differenze tra Hardware e Software
- Tipologie di Hardware
- Tipologie di Software



# Tipologie computer

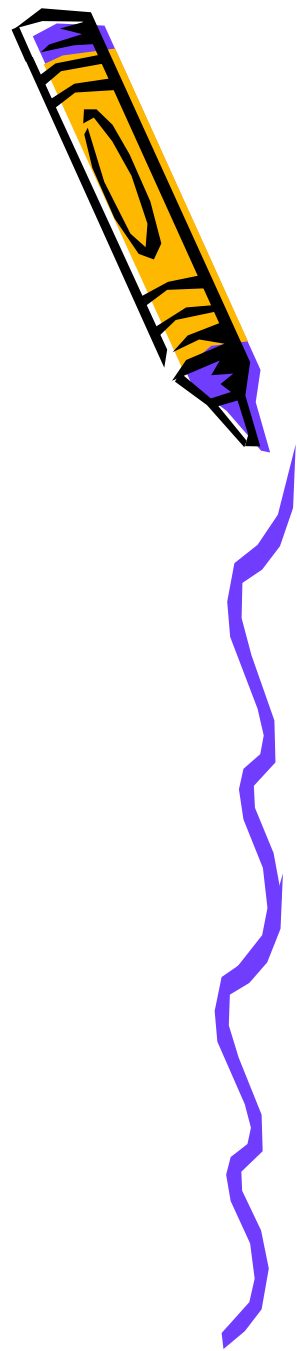


- Mainframe
- Minicomputer (tipo mainframe economici)
- Microcomputer (computer da casa)
- Home computer (PC)
- Laptop (computer portatili)

Calcolatori portatili



# Macro Componenti di un PC

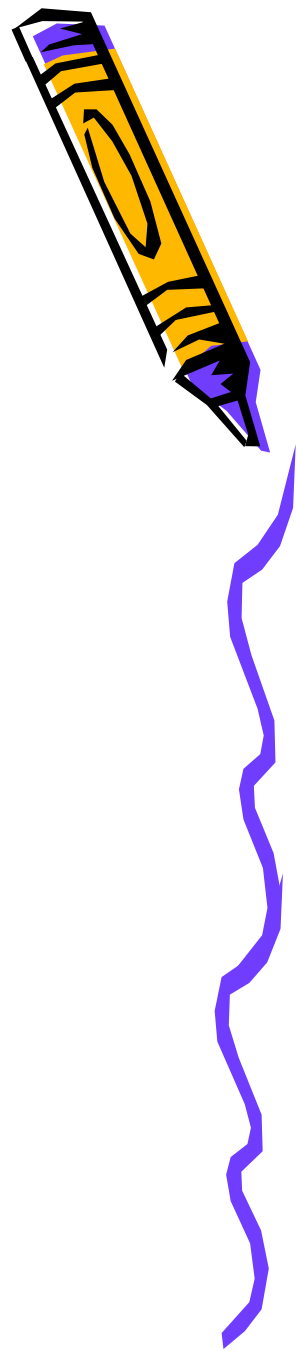
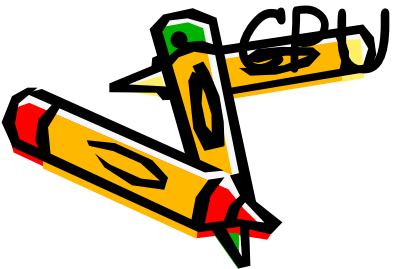


- Hardware
- Software



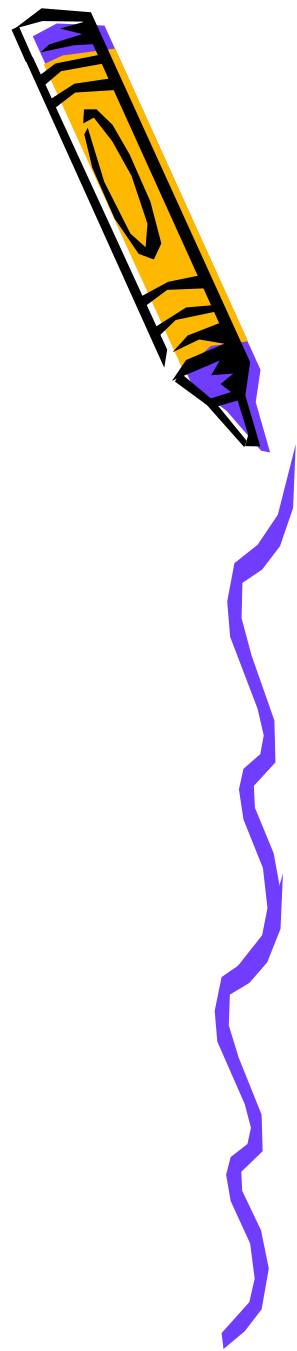
# Hardware

- Periferiche di input
- Periferiche di output
- Memorie
  - Memorie di massa
  - Memoria RAM
- BUS



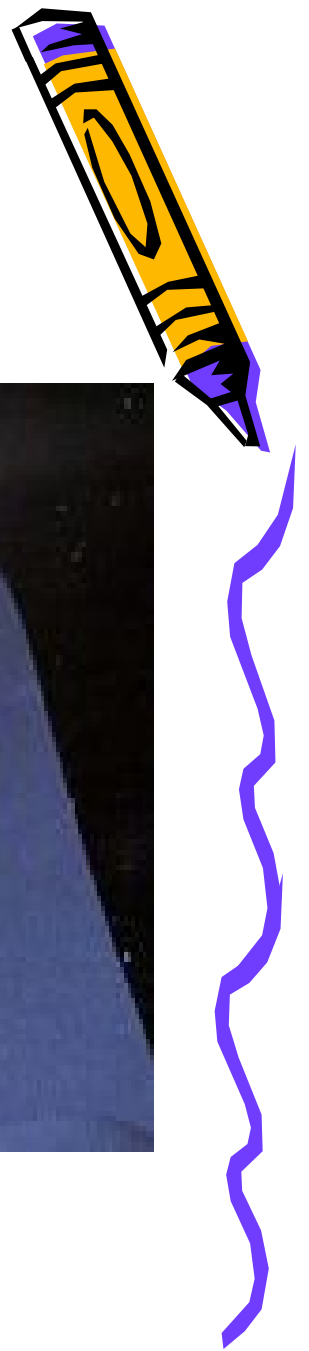
# Hardware

- *Periferiche di input*
- Periferiche di output
- Memorie
  - Memorie di massa
  - Memoria RAM
- BUS



# Hardware input

- Mouse



# Hardware input

- Tastiera



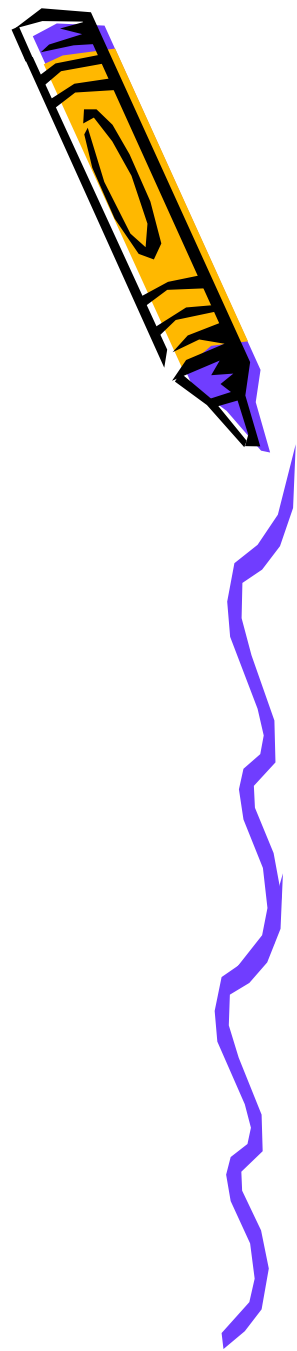
# Hardware input

- Scanner immagini
- Lettori Codici Barre



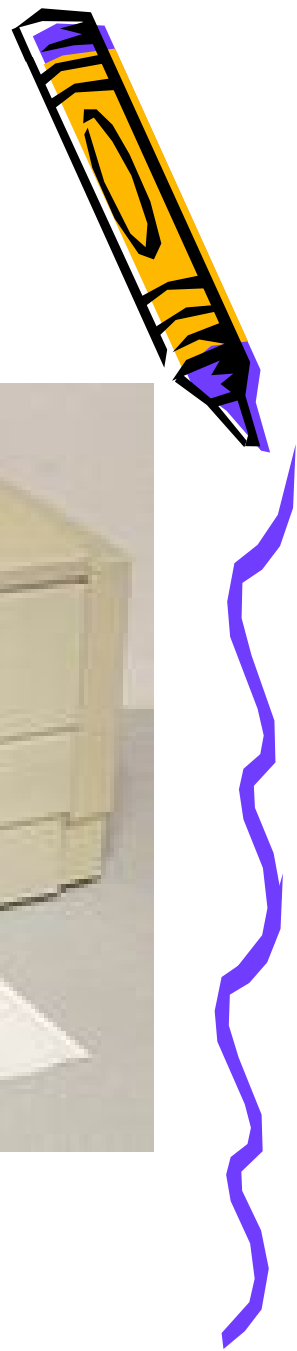
# Hardware

- Periferiche di input
- ***Periferiche di output***
- Memorie
  - Memorie di massa
  - Memoria RAM
- BUS
- CPU



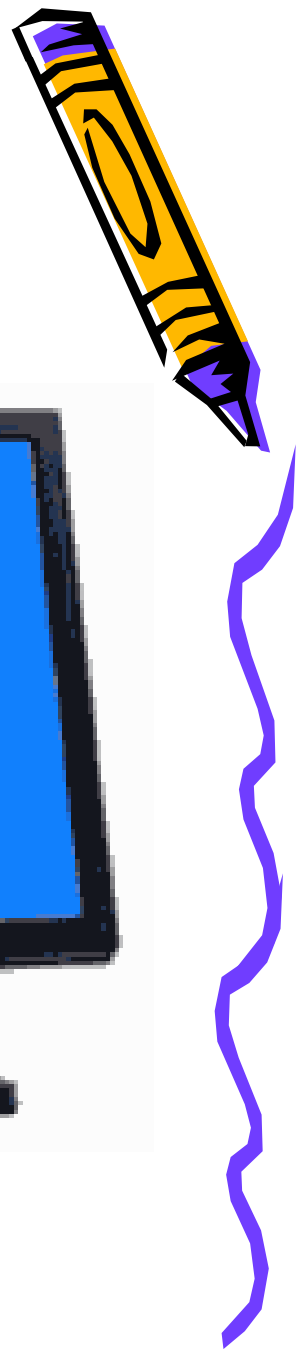
# Hardware Output

- Stampante



# Hardware output

- Schermo



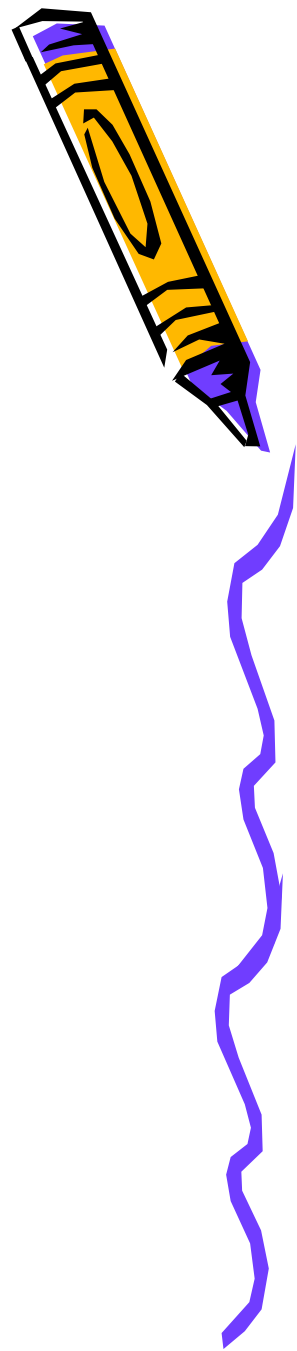
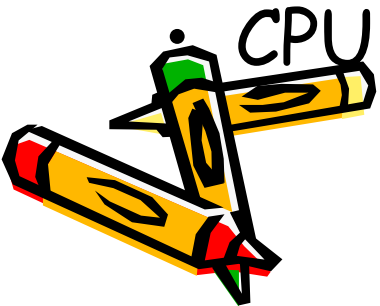
# Hardware Input/Output

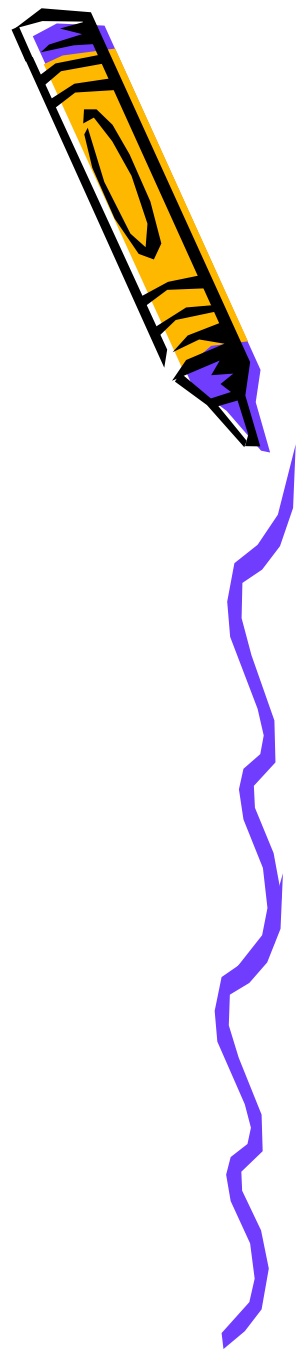
- Modem



# Hardware

- Periferiche di input
- Periferiche di output
- ***Memorie***
  - Memorie di massa
  - Memoria RAM
- BUS
- CPU





# Memorie: Unità di misura

- Byte
- Kilobyte ( $1000b = 1Kb$ )
- Megabyte ( $10^6b = 1Mb$ )
- Gigabyte ( $10^9b = 1Gb$ )
- Terabyte ( $10^{12}b = 1Tb$ )



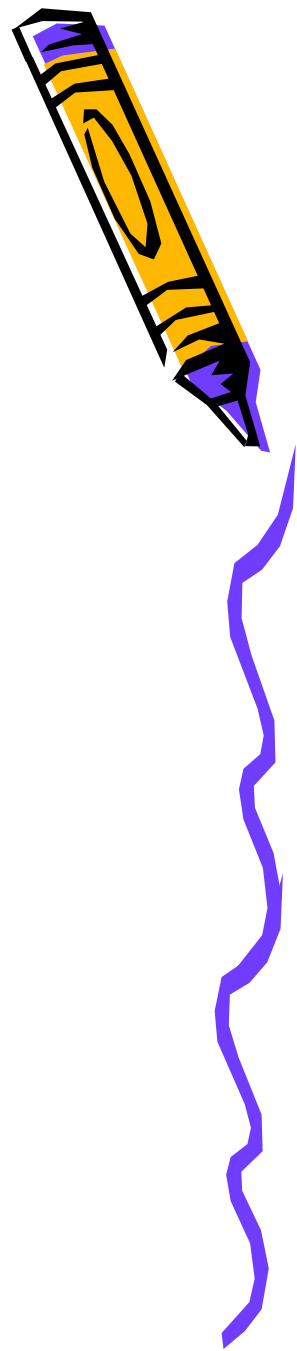
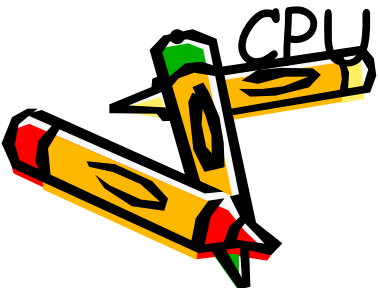
# Hardware

- Periferiche di input
- Periferiche di output
- Memorie

## ***- Memorie di massa***

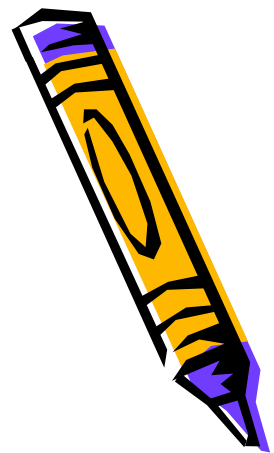
- Memoria RAM

- BUS



# Hardware:

## Memorie di massa



- CDROM/DVD  
circa 650Mb



- Hard disk  
40Gb-200Gb



- Chiave USB  
128Mb-2Gb

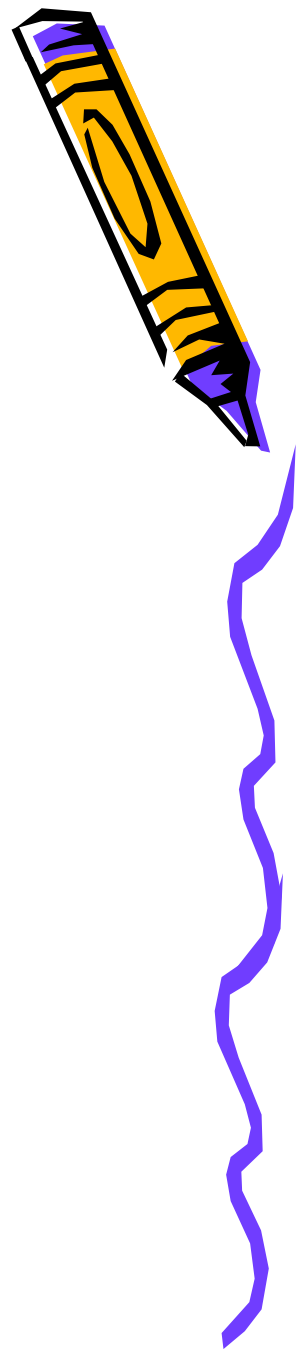
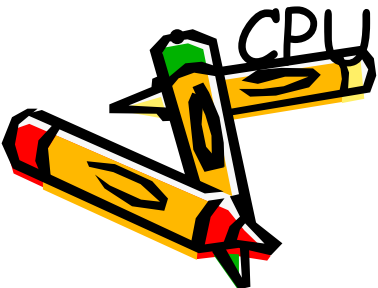


# Hardware

- Periferiche di input
- Periferiche di output
- Memorie
  - Memorie di massa

**- *Memoria RAM***

- BUS



# Hardware: RAM

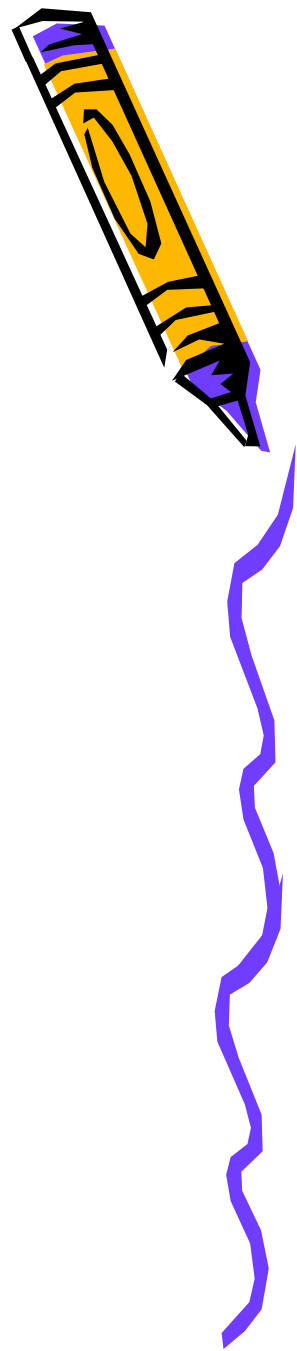
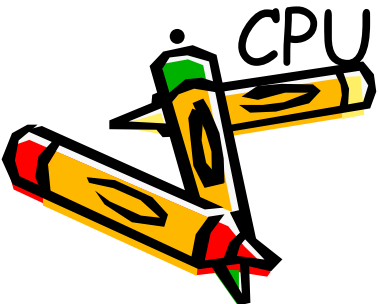
- RAM
- Da 256Mb-2Gb



# Hardware

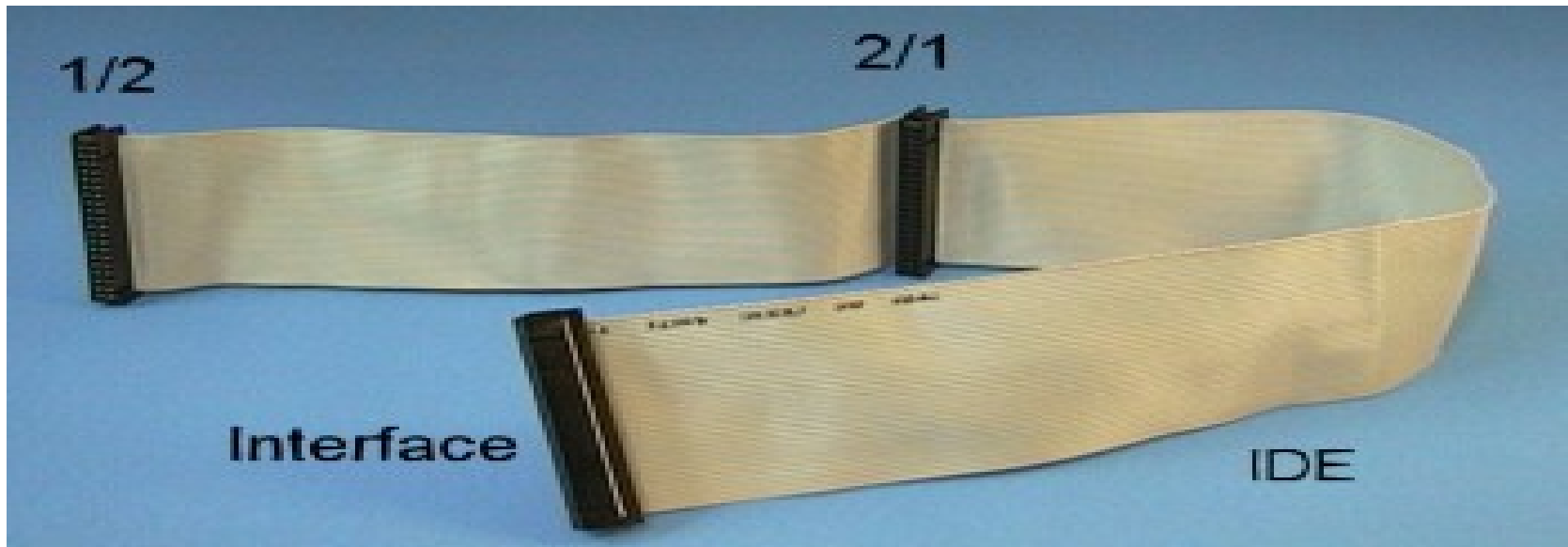
- Periferiche di input
- Periferiche di output
- Memorie
  - Memorie di massa
  - Memoria RAM

- ***BUS***



# Hardware: BUS

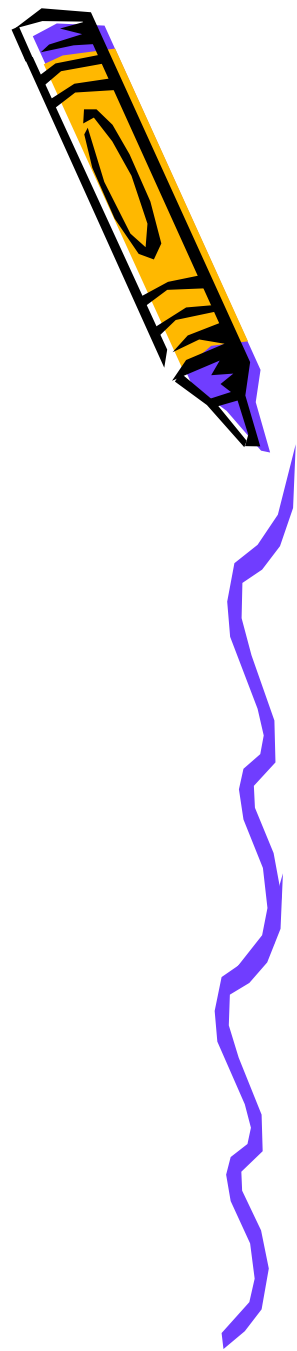
- BUS di sistema



# Hardware

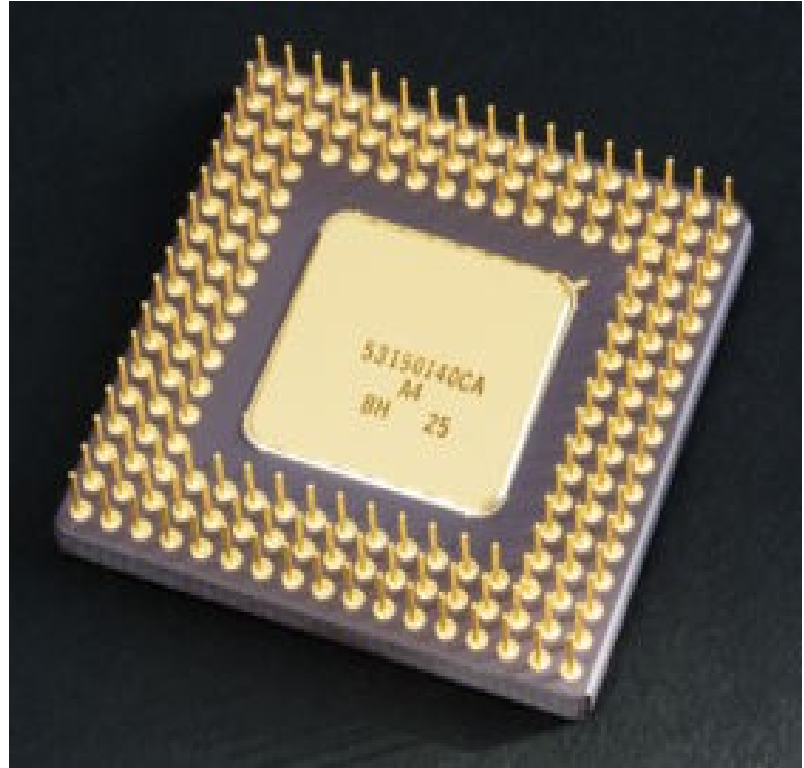
- Periferiche di input
- Periferiche di output
- Memorie
  - Memorie di massa
  - Memoria RAM
- BUS

- **CPU**

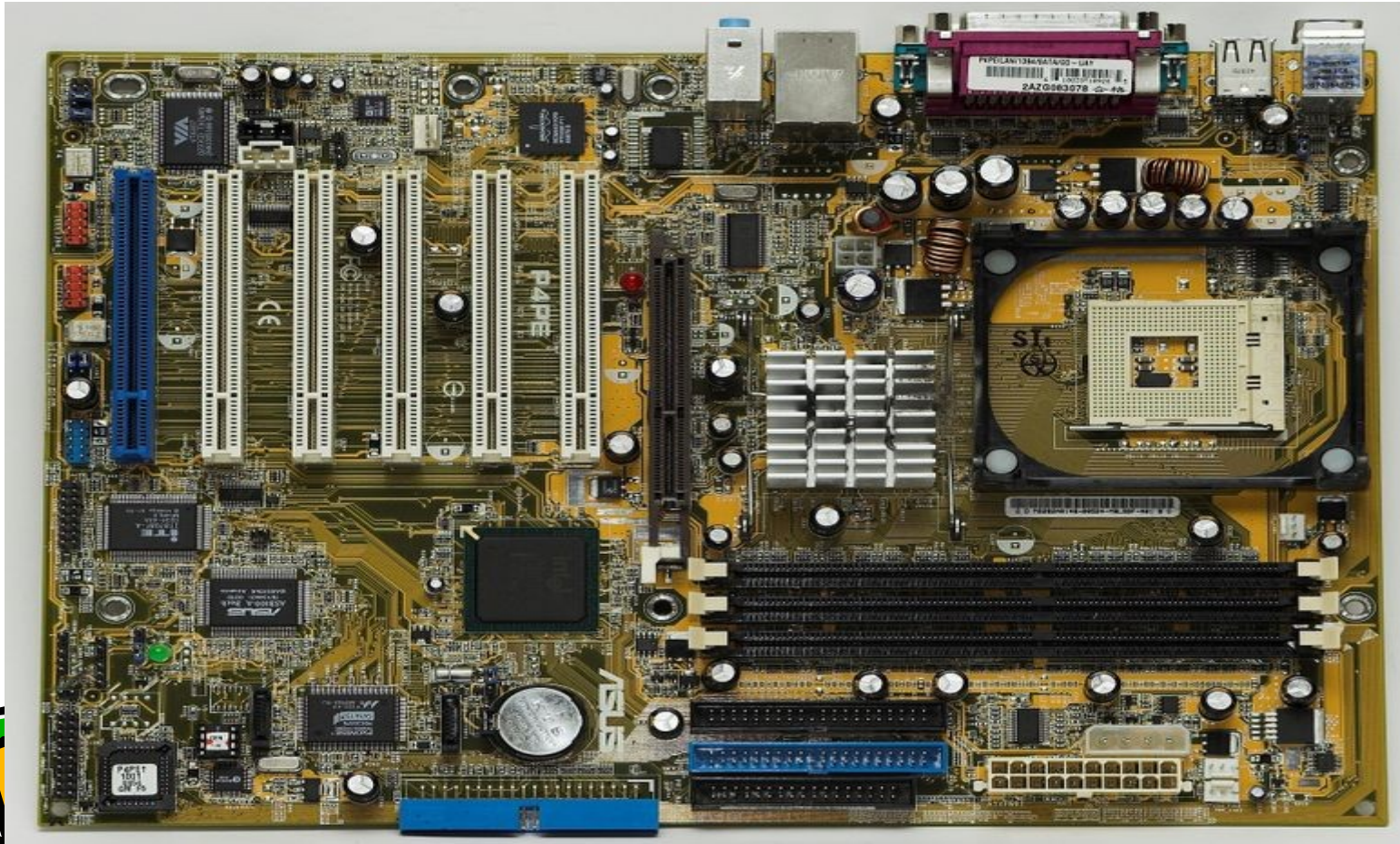


# CPU

- Control Processing Unit

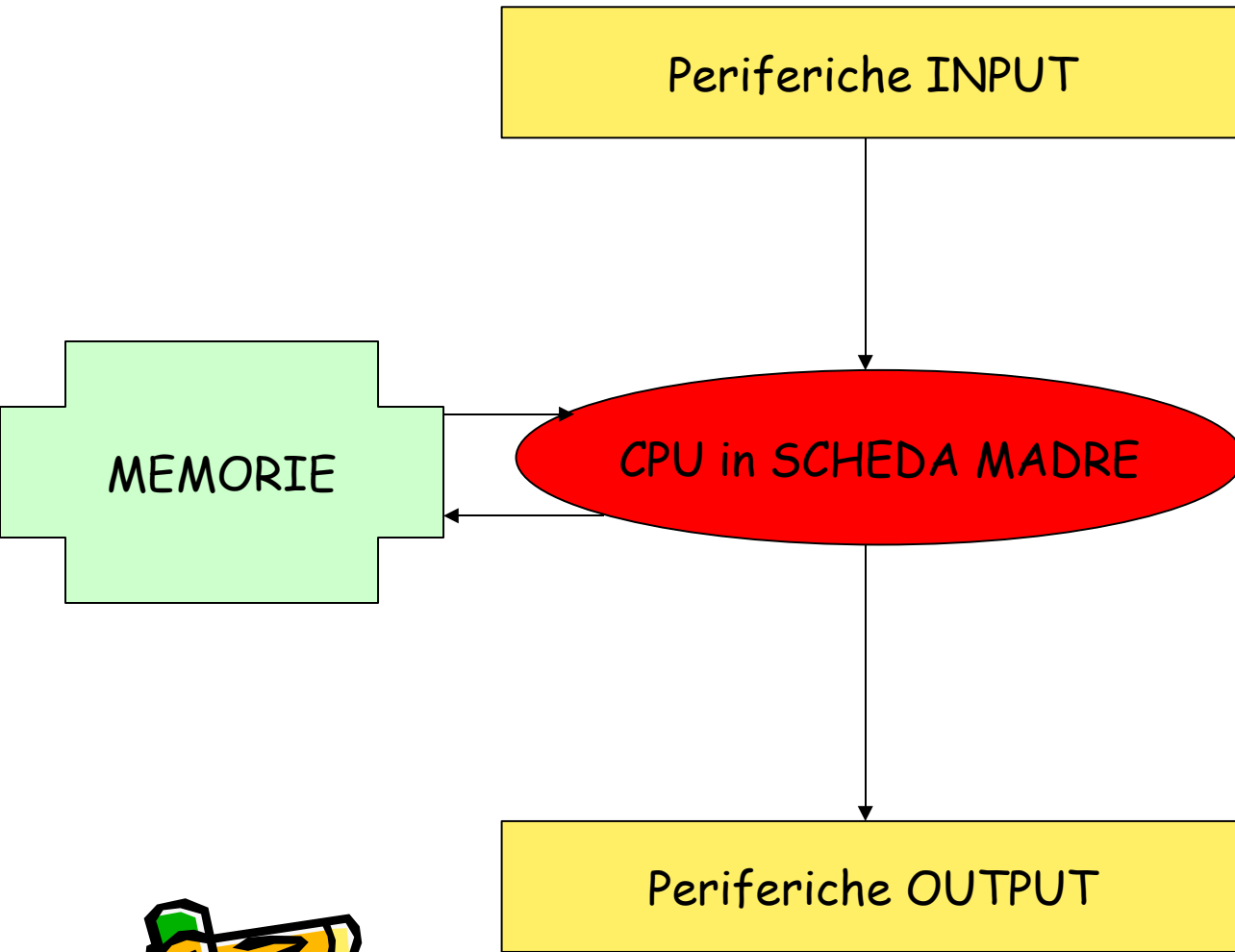


# Scheda Madre e CPU

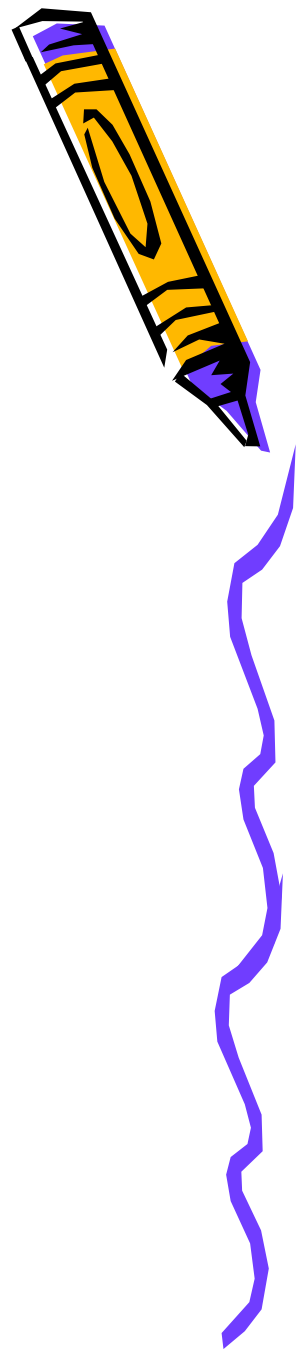


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# Schema Riassuntivo

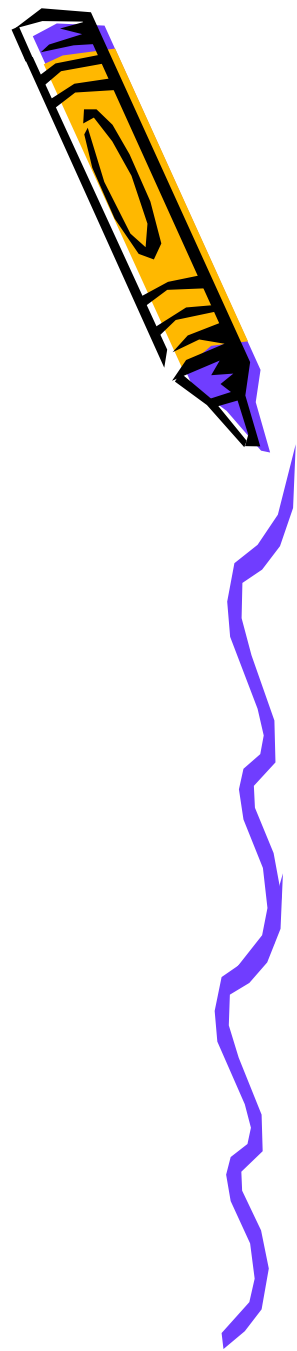


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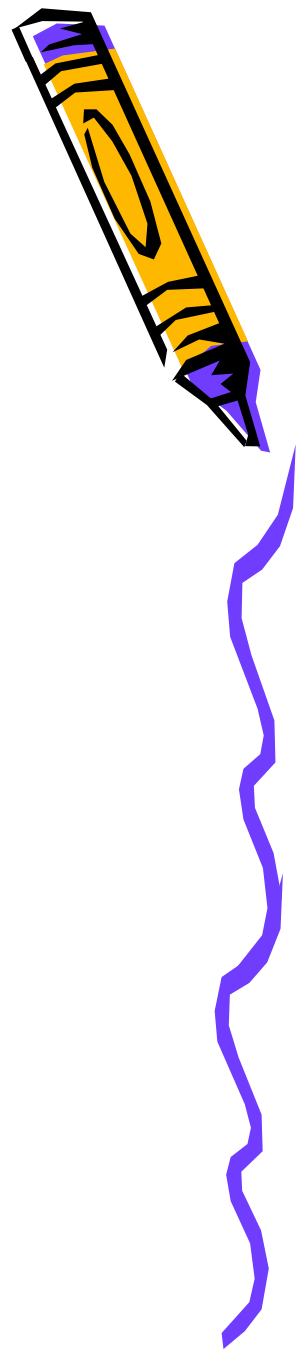
# Software

- Software di sistema
- Pacchetti applicativi



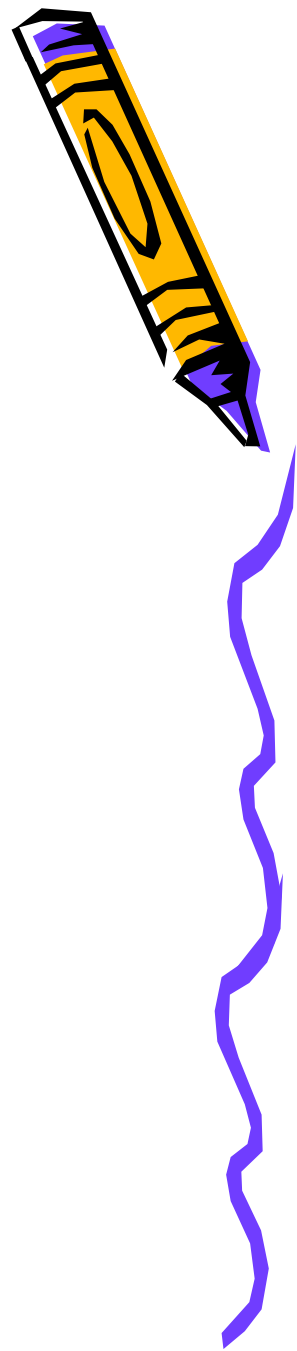
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- *Software di sistema*
- Pacchetti applicativi



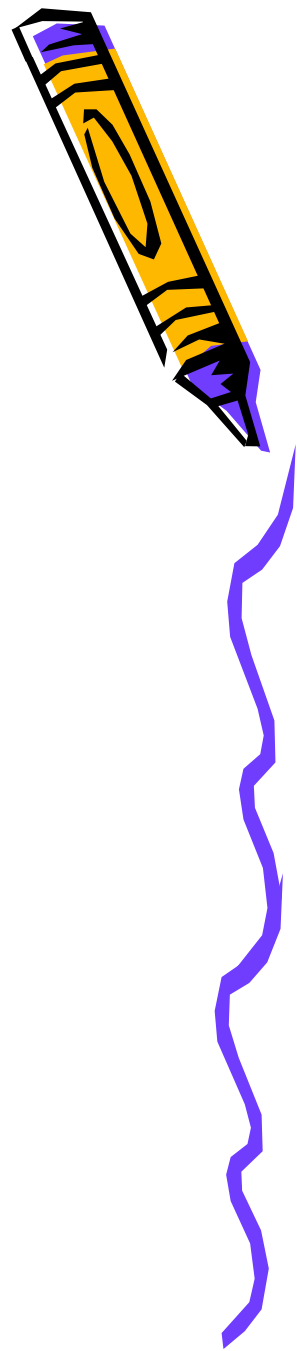
# Software di sistema

- Sistema operativo
  - Windows
  - Linux
  - FreeBSD



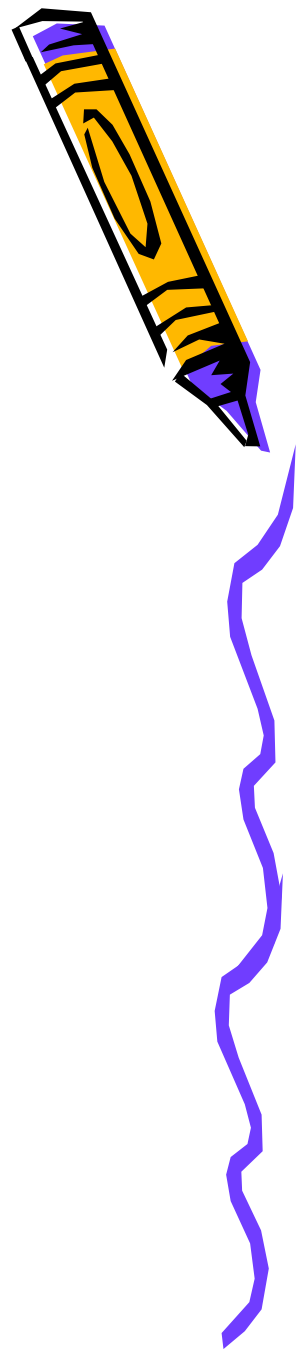
# Software

- Software di sistema
- *Pacchetti applicativi*

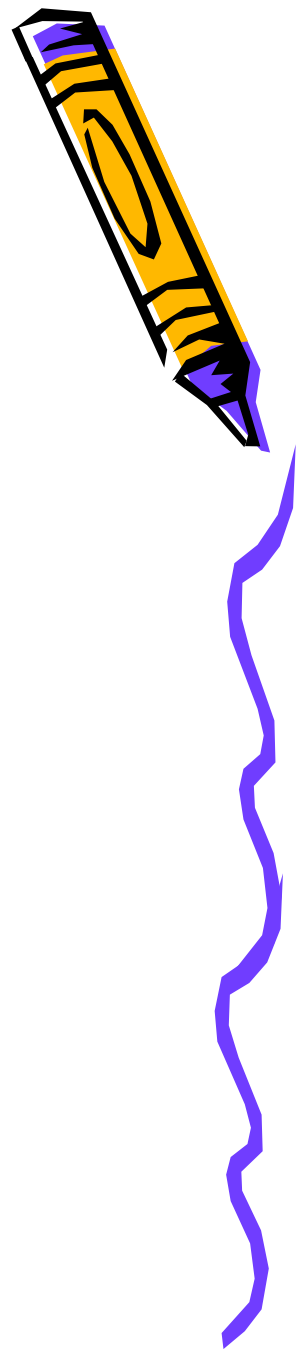


# Pacchetti Applicativi

- Software per l'ufficio
  - Microsoft Office, OpenOffice
- Grafica
  - Gimp, Photoshop
- Posta elettronica
  - Outlook, Thunderbird



Fine diapositive



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