Nano Second 10^{-9}

Micro - Seconds 10^{-6}

Milli - seconds 10^{-3}.

↳ Hard disk (Pen drive / CD Rom.

Register Memory + Primary Memory

⟶ Available to Application Programmer Directly.

$$a = 10$$
$$C = a+b$$

Cache Memory = Not available to App. programmer

Only accessible to

O.S. programmer.

Secondary Memory = Available to application

programmer via

O.S. functions.

1) Memory Hierarchy 2) Nature of secondary storage device

3) File abstraction development (meta-data of file)

4) Directory / folder Abstraction.

5) Path Name.

6) Absolute Path Name / Relative Path Name

7) Dir Name / Base Name

8) Current working Dir.