

File IO

Introduction to Computer Programming

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Memory Hierarchy

Type	Order	This Computer
CPU Cache L2	KB	256KB
CPU Cache L3	MB	8MB
Random Access Memory	GB	16GB
Disk	GB/TB	256GB
Cloud	PB	Functionally Infinite.

Forgot to tell you something super important...

Memory Hierarchy

Type	Persistence
CPU Cache L2	Requires power.
CPU Cache L3	Require power.
Random Access Memory	Requires power.
Disk	Persistent.
Cloud	Persistent.

Therefore another reason for files is that we may want to **save** our data!

What you should be doing.

Prepare for your exam!