

PARTS OF A COMPUTER


اجزاء الحاسوب

OUTLINES

- The main parts of a typical computer.
- Some definitions.
- Classification the peripherals into (output, input, storage devices)
- Some exercises.

MAIN PARTS OF A TYPICAL COMPUTER

- A typical computer consists of two parts:
 1. Hardware
 2. Software



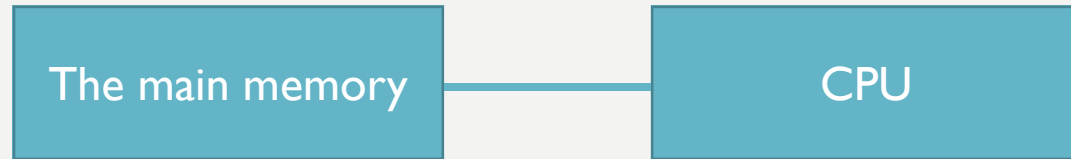
**WHAT ARE THE
HARDWARE
SECTIONS???**

HARDWARE SECTIONS

HARDWARE SECTIONS

CPU

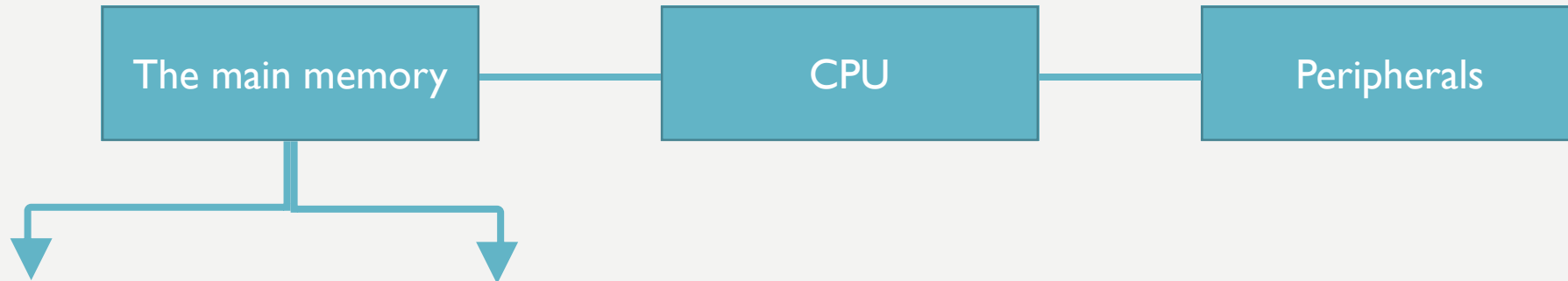
HARDWARE SECTIONS



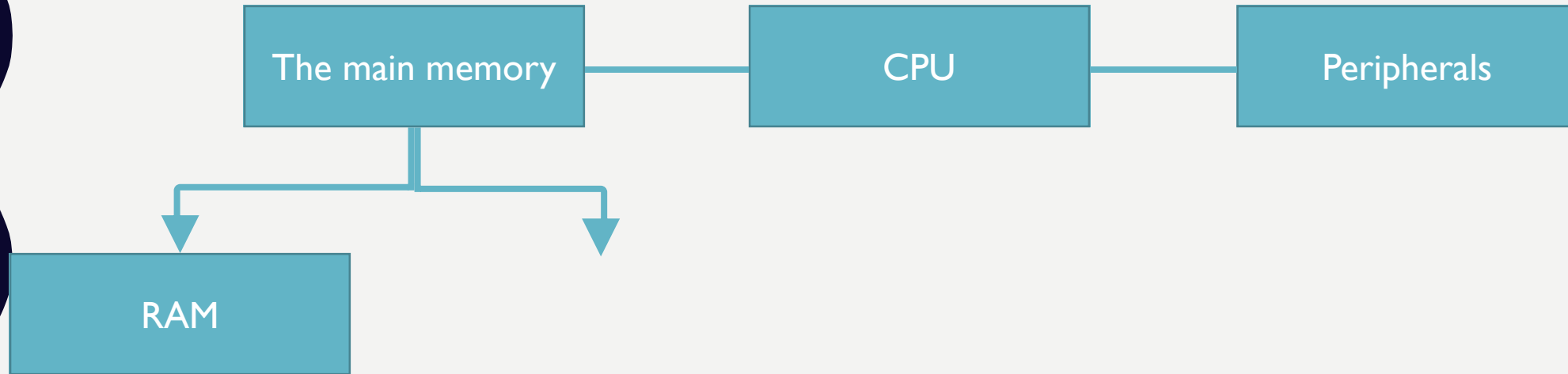
HARDWARE SECTIONS



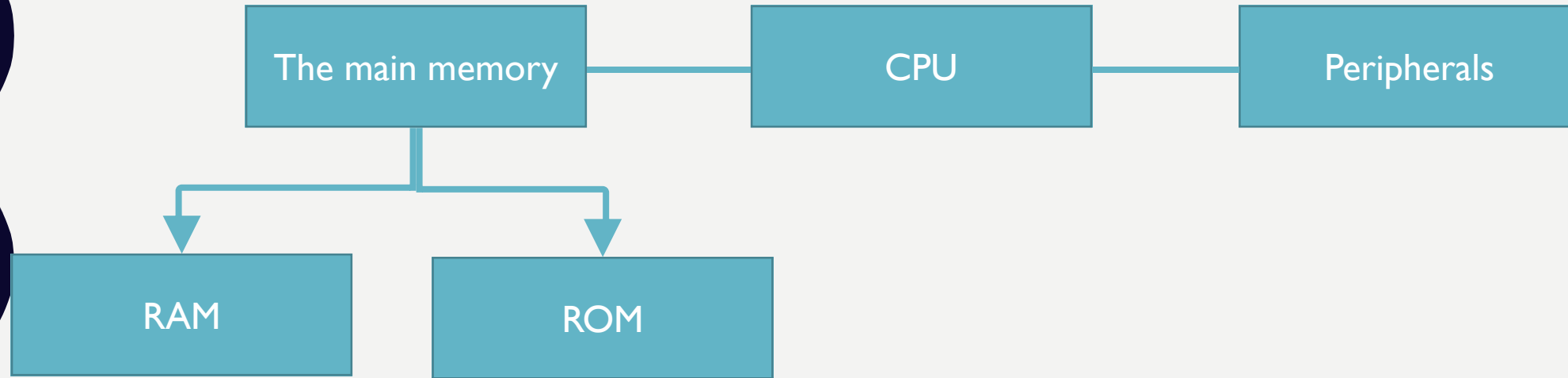
HARDWARE SECTIONS



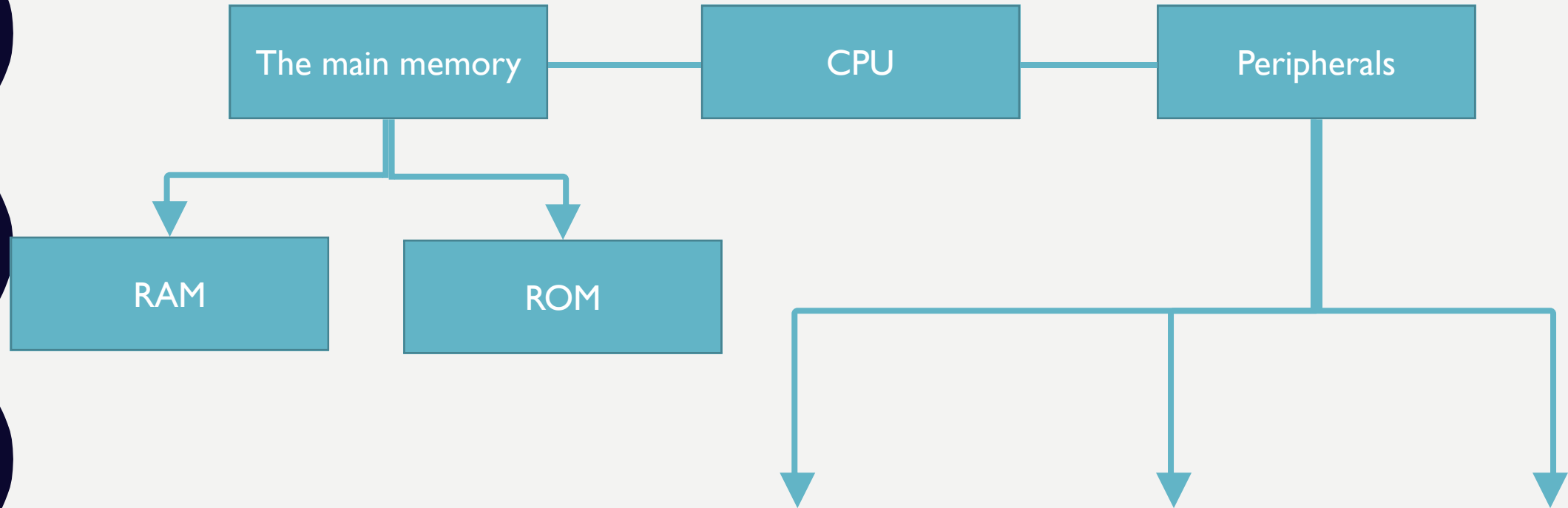
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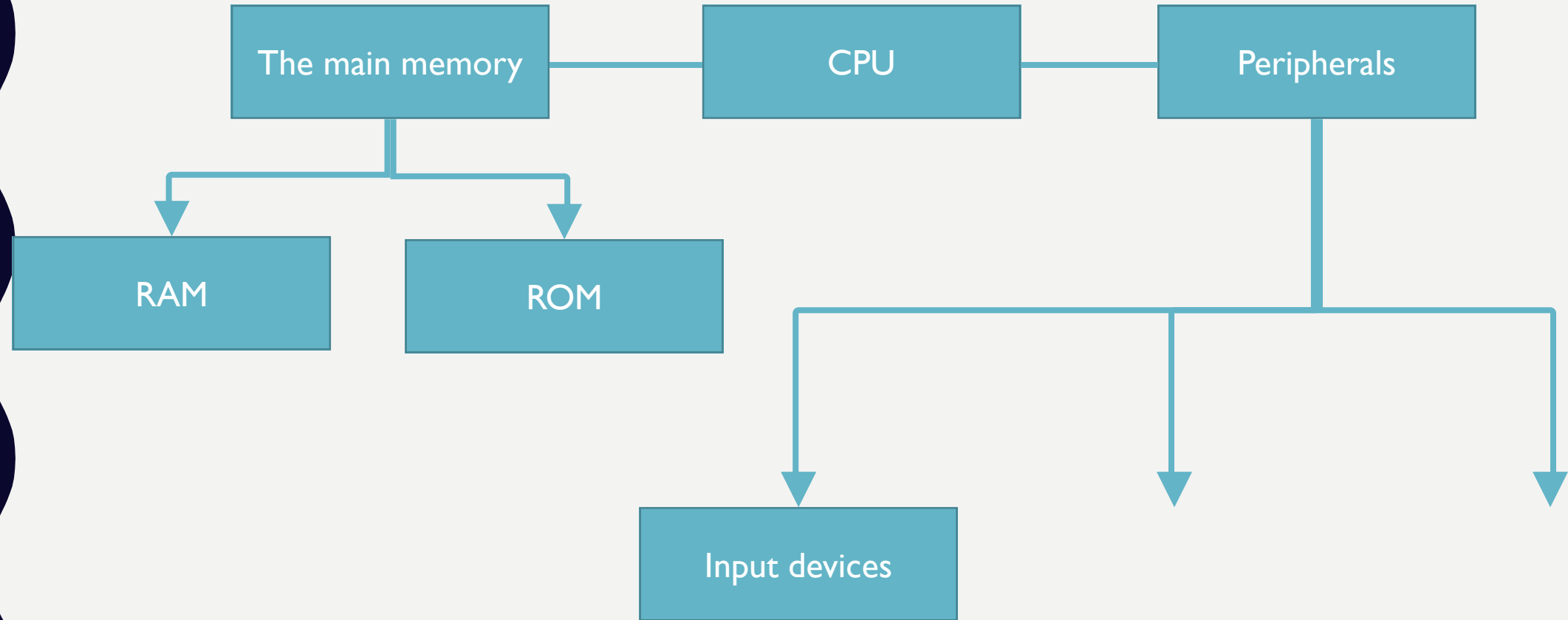
HARDWARE SECTIONS



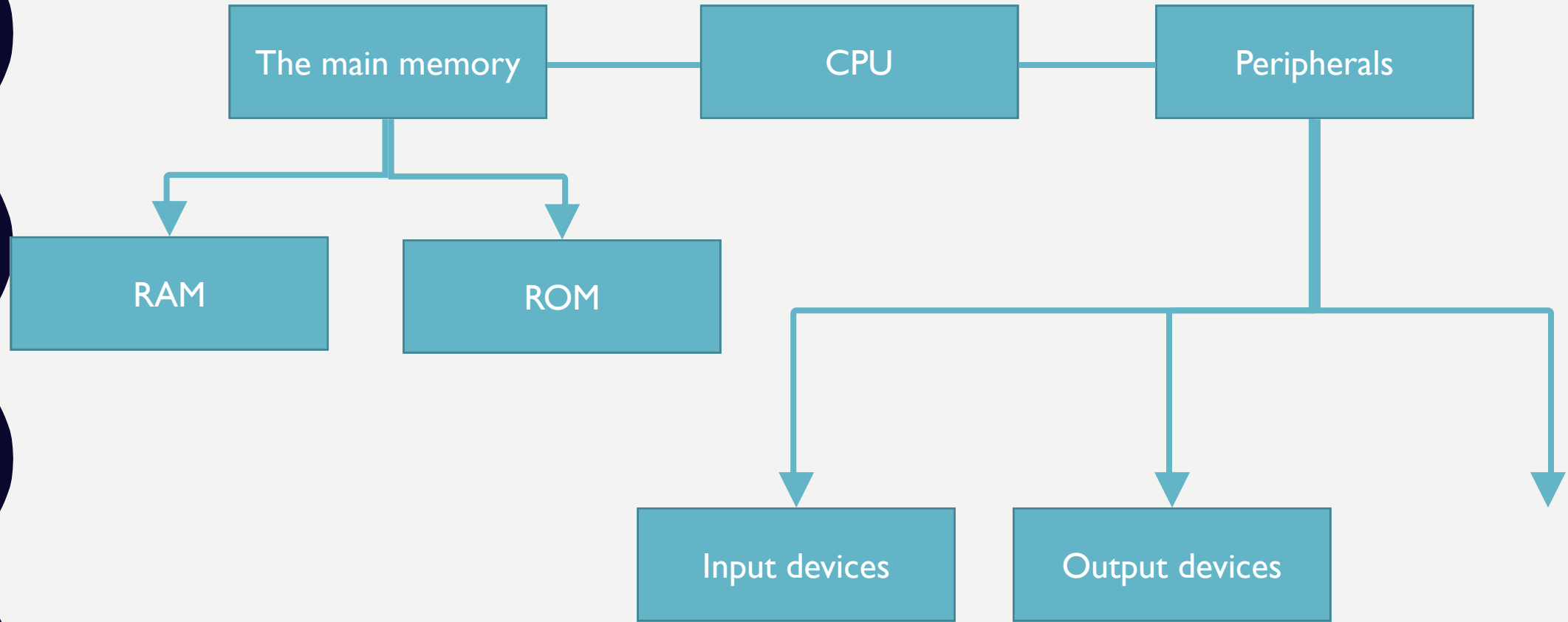
HARDWARE SECTIONS



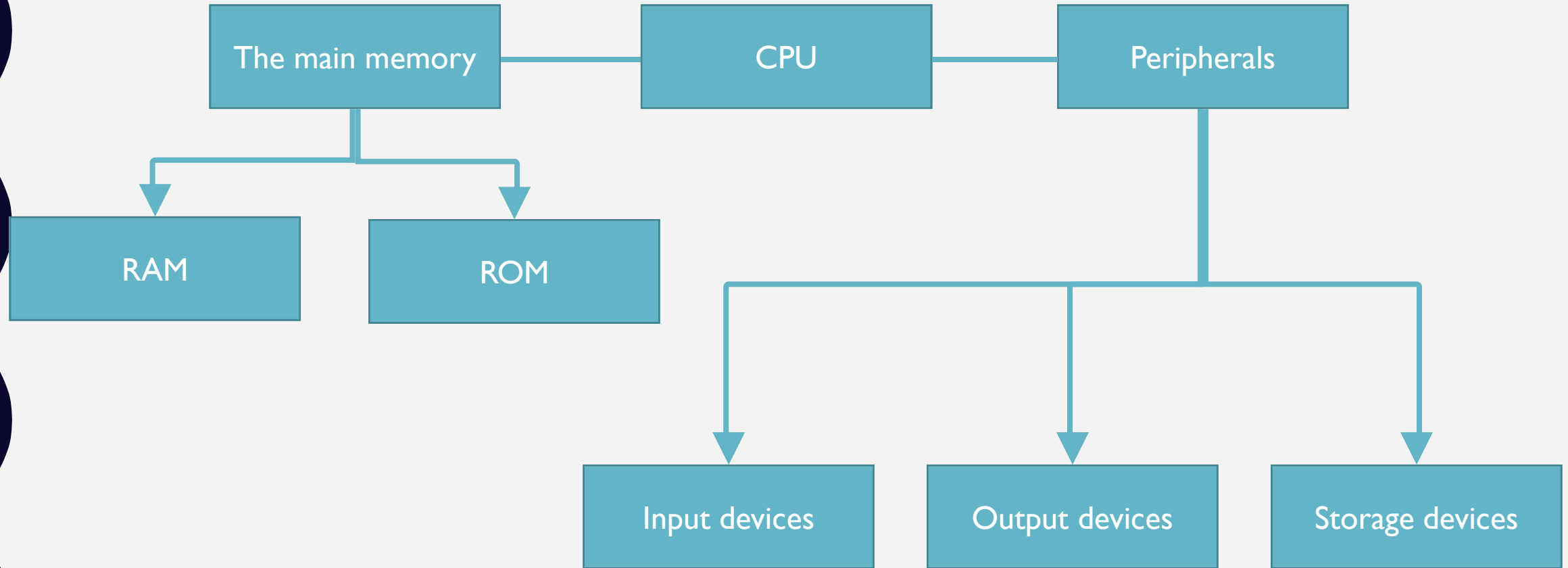
HARDWARE SECTIONS



HARDWARE SECTIONS



HARDWARE SECTIONS



SOME DEFINITIONS

- Hardware: any electronic or mechanical part of the computer that you can see or touch.
- Software: a set of instruction (a program) that tells a computer what to do
- CPU: the heart of the computer, a microprocessor chips which processes data.
- Peripherals: the physical units attached to the computer
- Input devices: the devices, which let us enter data and commands e.g: keyboard, mouse
- Output devices: the devices which let us, extract the result e.g: the monitor, the printer
- Storage devices: which are used to store information e.g: hard disk, DVD_RW drives.....

EXERCISES

CD/DVD drive

Any socket where a peripherals device may be connected

Speaker

A device that used to produce voice

Modem

mechanism that read (and / or) writes to optical discs

Port

Device that converts data so that it can travel over the internet

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Any socket where a peripherals device may be connected

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A device that used to produce voice

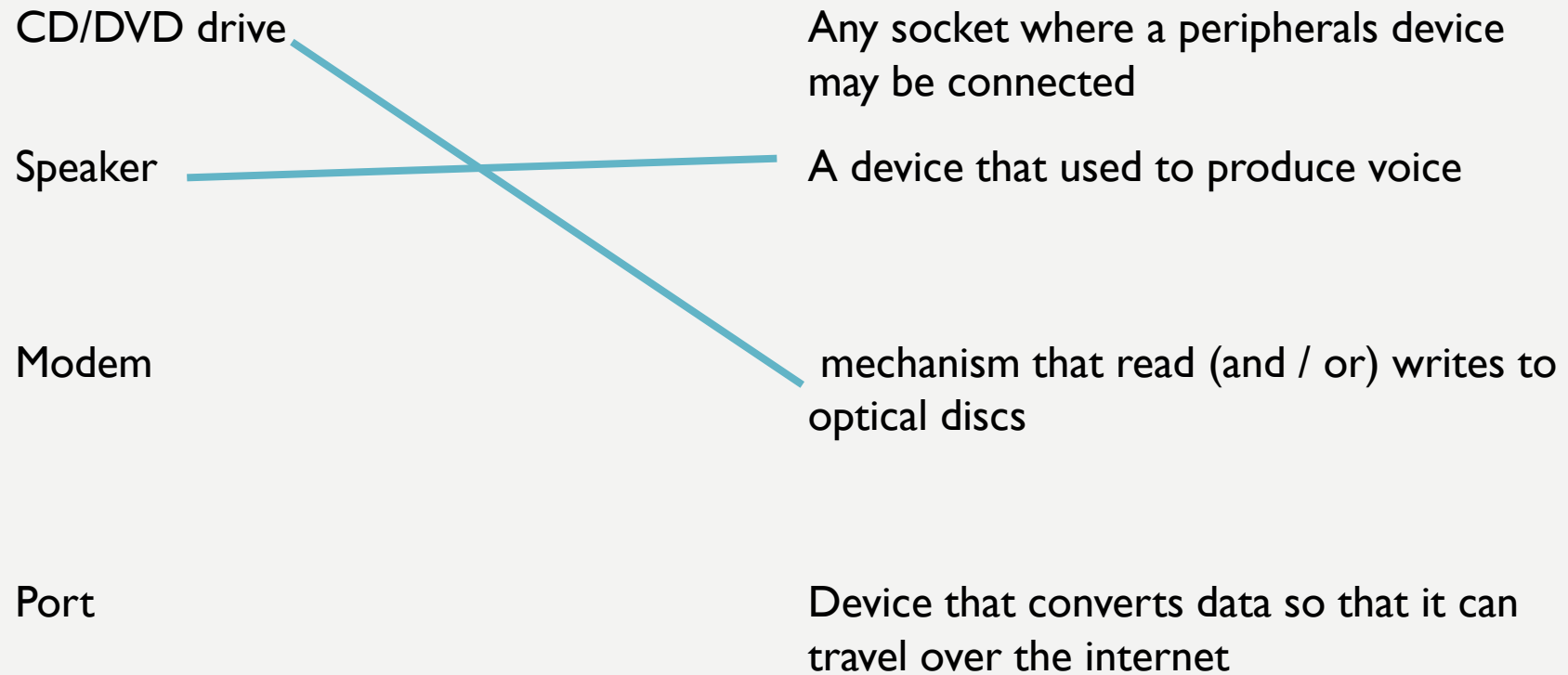
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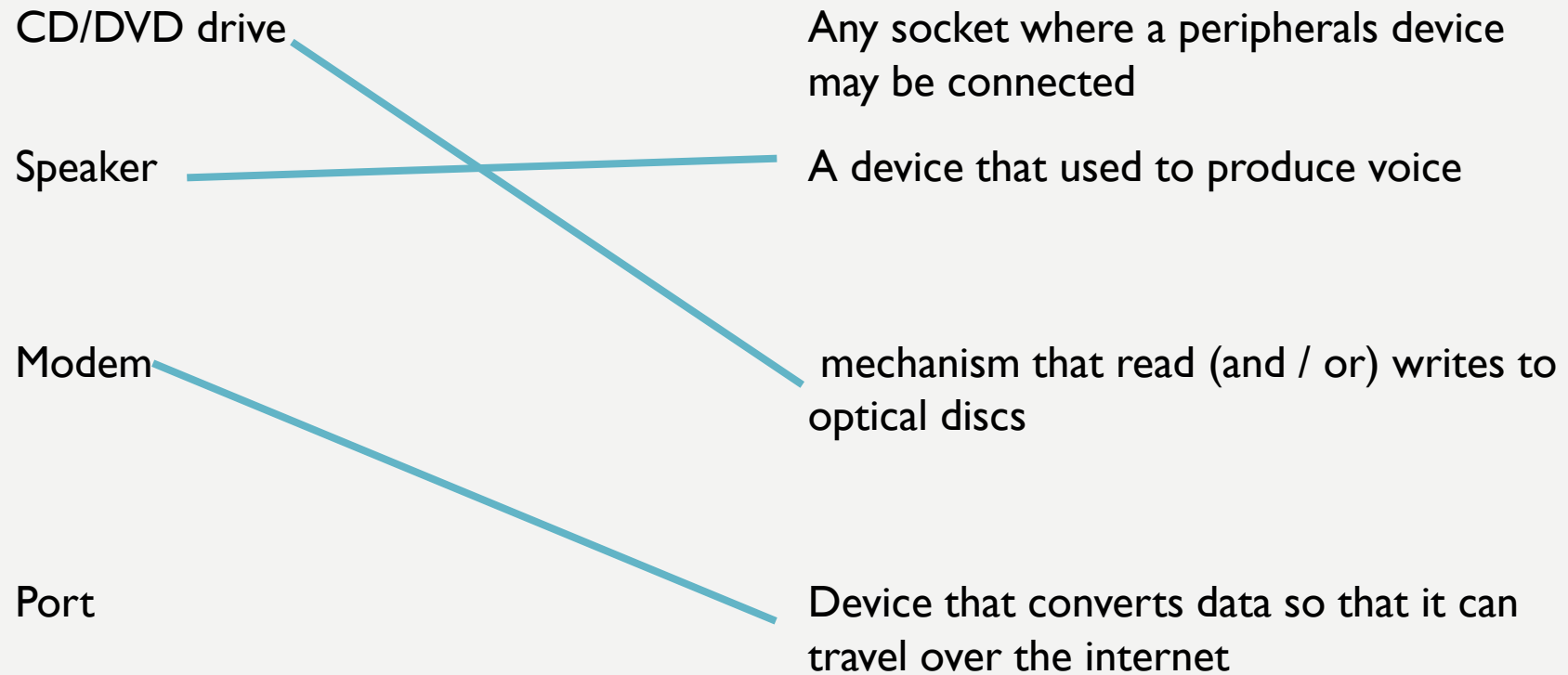
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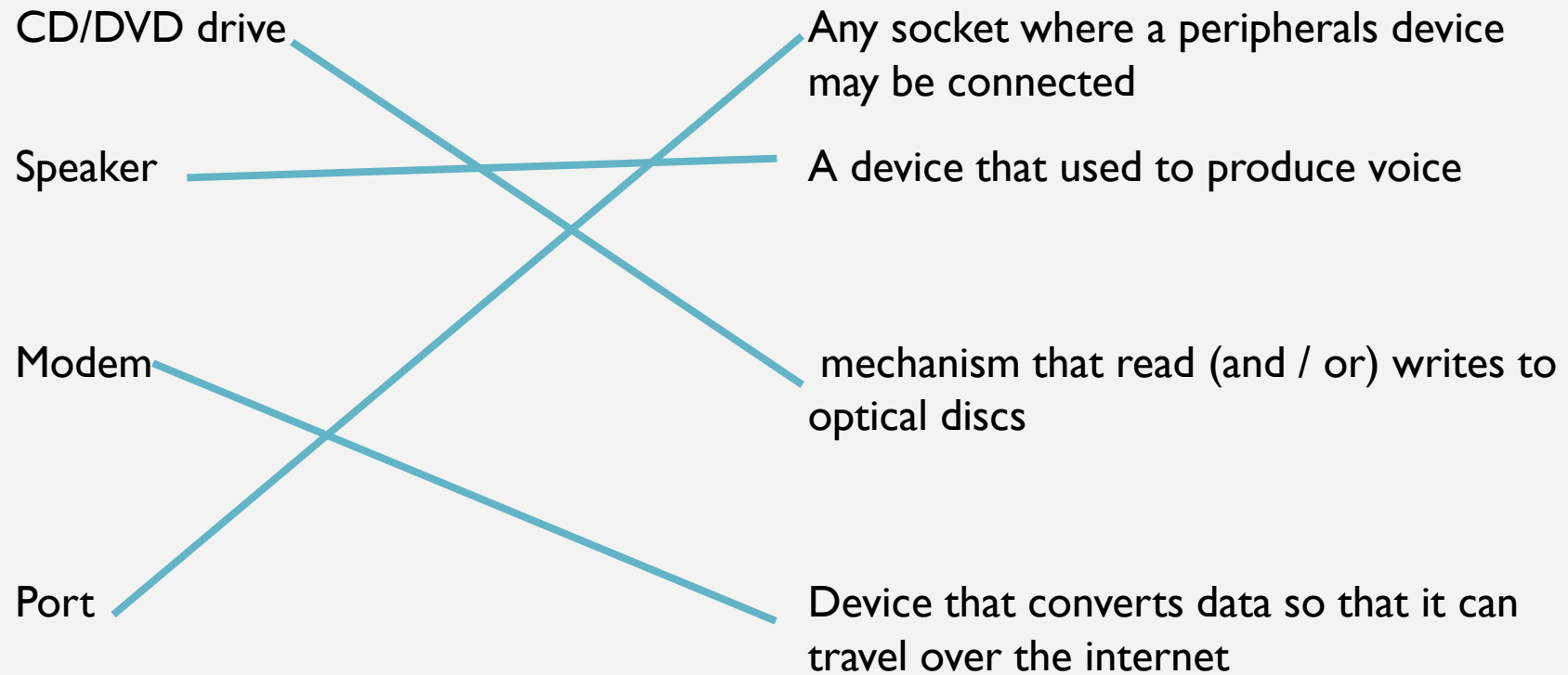
EXERCISES



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EXERCISES



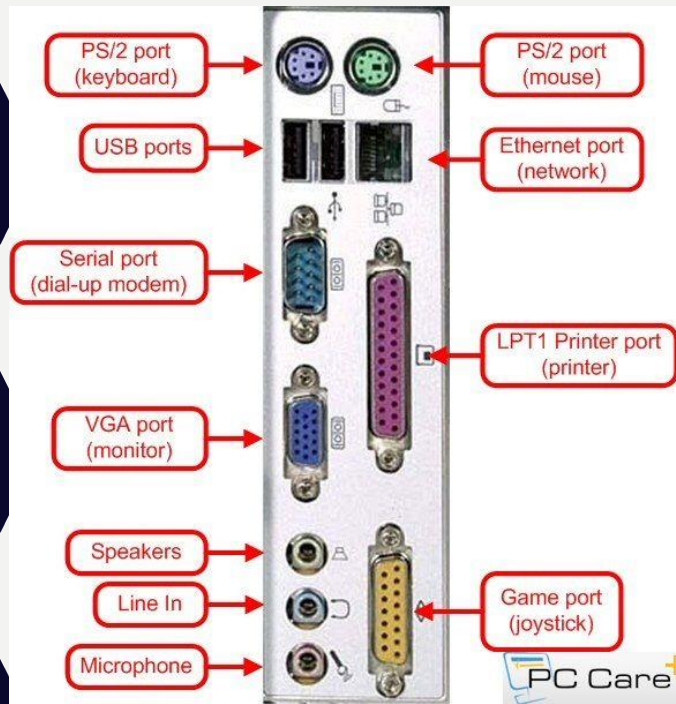
CD/DVD drive



Speaker



modem



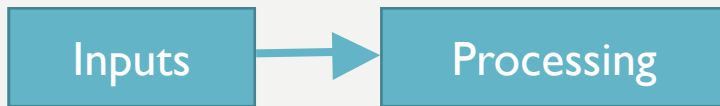
Ports

COMPUTER FUNCTIONS

Inputs

Raw data is
presented to
the computer

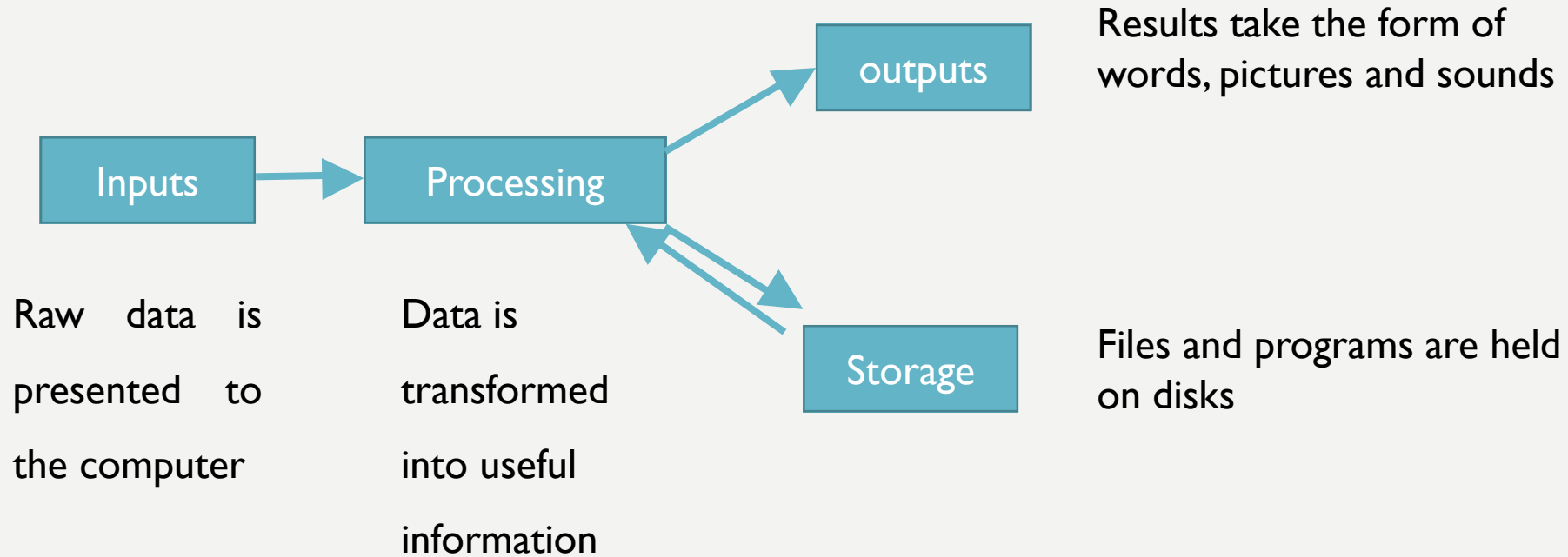
COMPUTER FUNCTIONS



Raw data is presented to the computer

Data is transformed into useful information

COMPUTER FUNCTIONS



EXERCISE

1. “it is the heart of the computer”
2. “Right-click to display a menu”
3. “you will see vivid images on 17” display”
4. “this will produce text and graphic on paper”
5. “use it when you want to let the grandparents watch the new baby sleeping”
6. “press any key to continue”

EXERCISE

1. “it is the heart of the computer” CPU
2. “Right-click to display a menu” mouse
3. “you will see vivid images on 17” display” monitor
4. “this will produce text and graphic on paper” printer
5. “use it when you want to let the grandparents watch the new baby sleeping” webcam
6. “press any key to continue” keyboard

EXERCISE

1. The main parts of a typical computer are:

A. Hardware and software

C. Input and output devices

B. RAM and ROM

D. Monitor and keyboard

2. One of the following is a storage device:

A. Mouse

C. Hard disk

B. Speaker

D. Screen

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EXERCISE

3. Physical units attached to the computer:

A. RAM

C. Screen

B. Software

D. Peripherals

4. One of the following isn't an input device:

A. Webcam

C. Mic

B. Printer

D. touchpad

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