Getting to know Computers

Spoken Tutorial Project
http://spoken-tutorial.org
National Mission on Education through ICT
http://sakshat.ac.in

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Learning Objectives

We will learn about

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- **the various components of a computer**

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- **the various components of a computer**

- **to connect the various components**

Functions of a computer

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2. **processes data as required by the user**

Functions of a computer

A computer performs five major functions, irrespective of its size -

3. **stores data**

Functions of a computer

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3. **stores data**
4. **gives results in the form of output**

Functions of a computer

**A computer performs five major functions, irrespective of its size -**

3. **stores data**
4. **gives results in the form of output**
5. **controls all operations inside the computer**

# Basic organisation of a computer
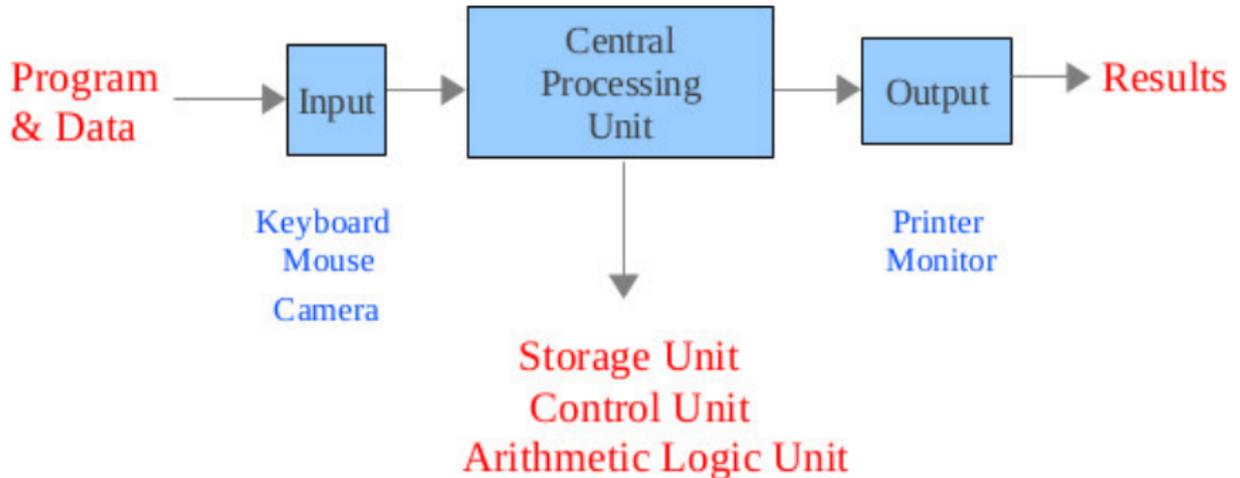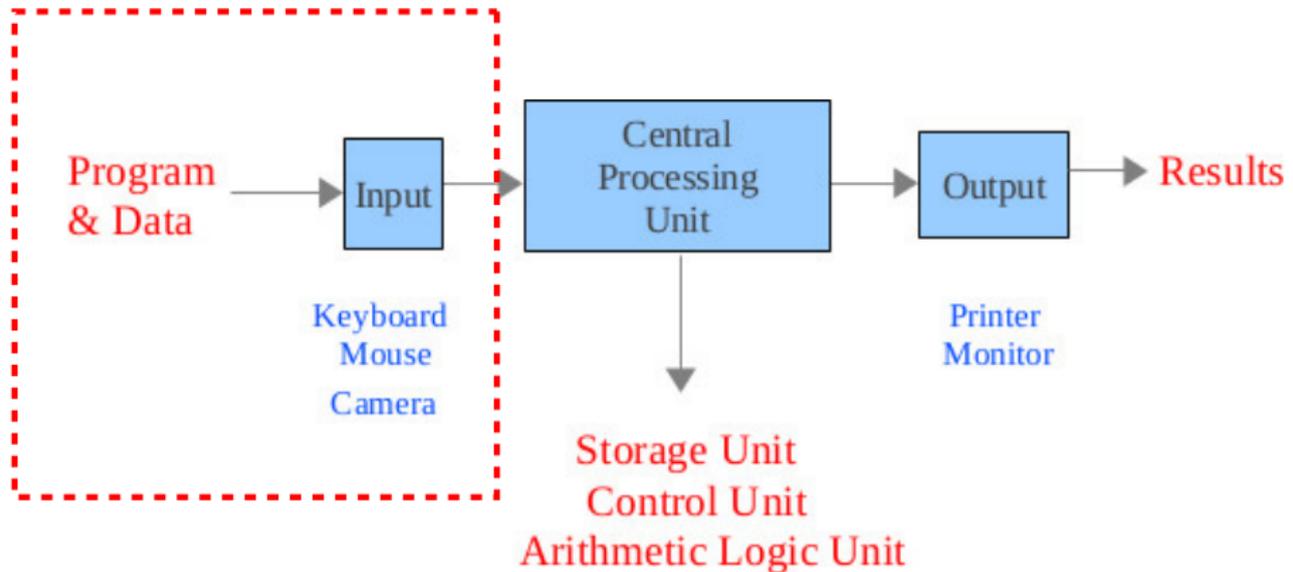
Basic organisation of a computer

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Program & Data → Input → Central Processing Unit → Output → Results

Input: Keyboard Mouse Camera

Central Processing Unit → Storage Unit, Control Unit, Arithmetic Logic Unit

Output: Printer Monitor

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Storage Unit
Control Unit
Arithmetic Logic Unit
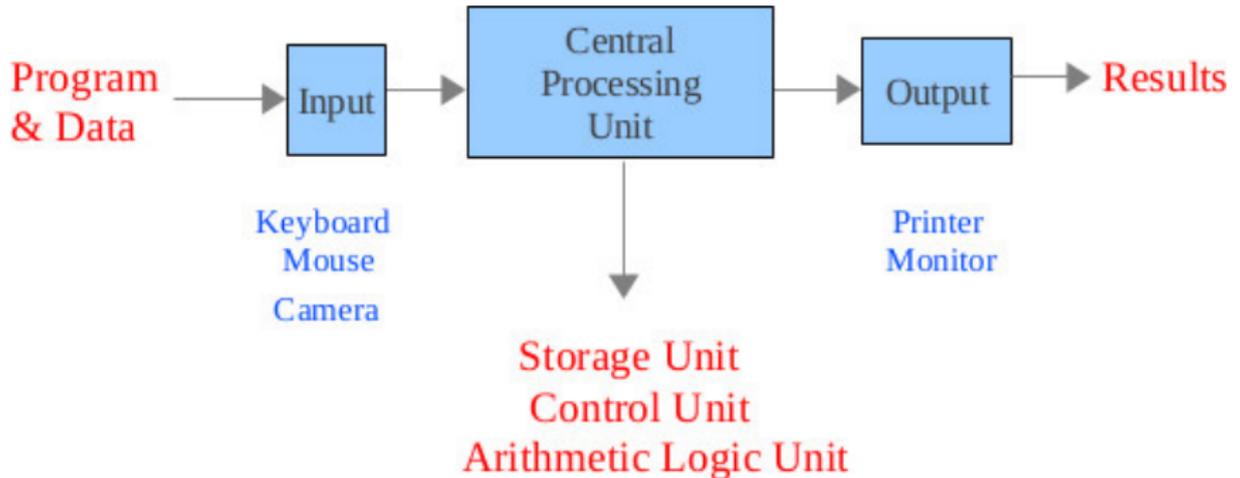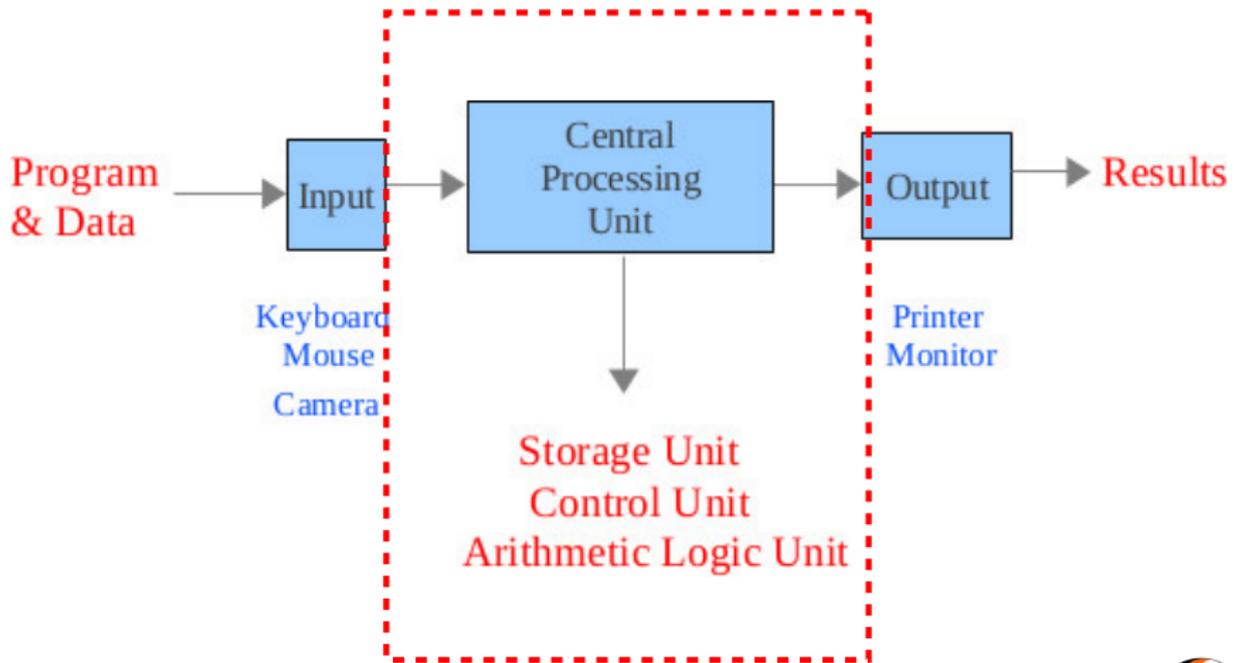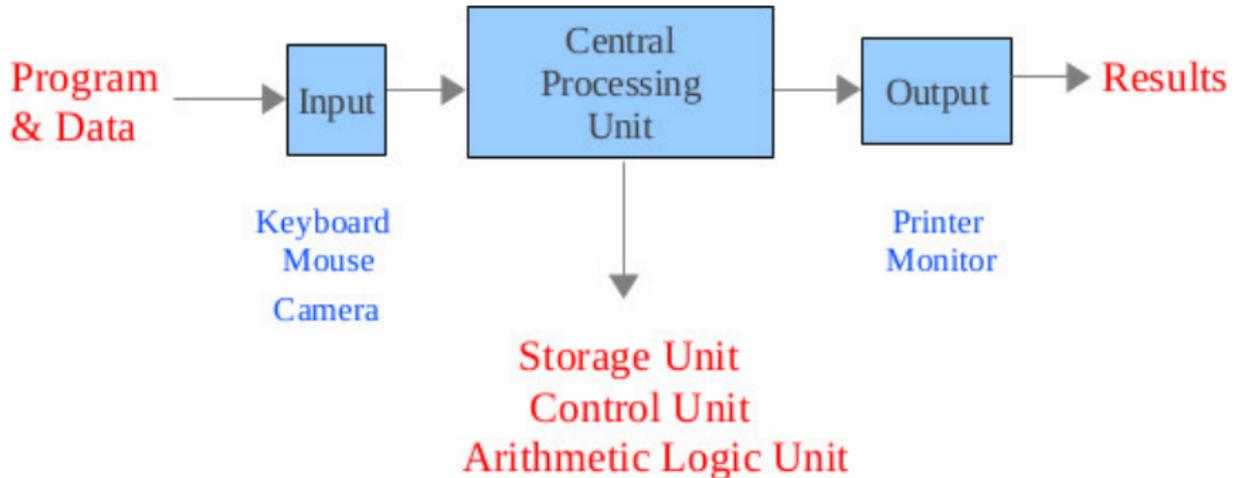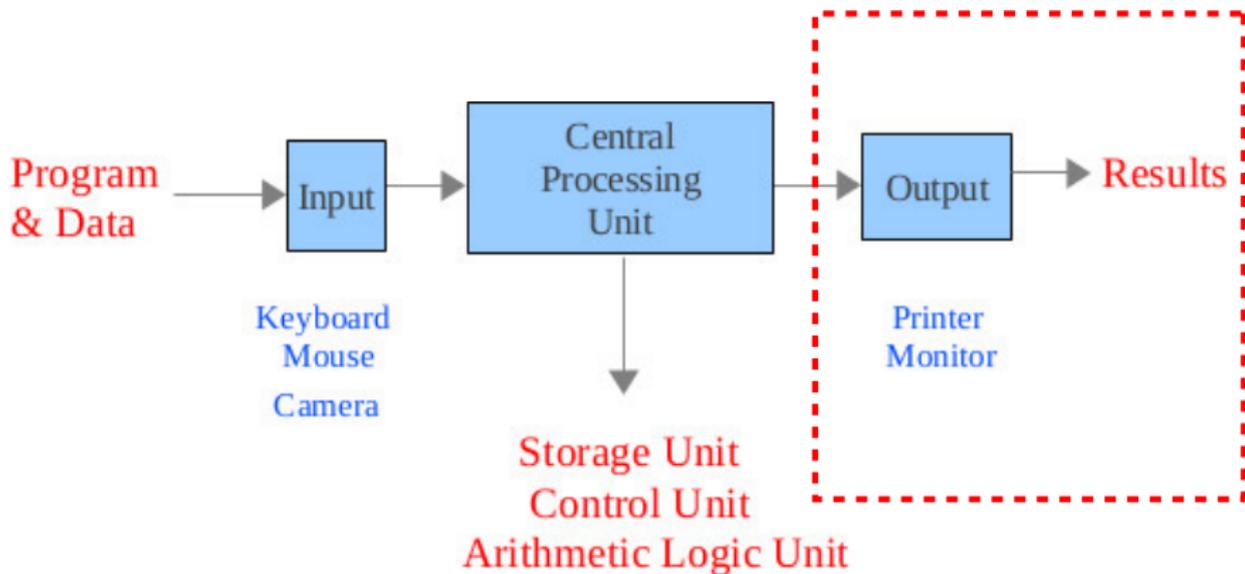
Input unit

The Input unit helps to

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- **enter the data and programs**

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- **into a computer system**

Input unit

The Input unit helps to

- **enter the data and programs**
- **into a computer system**
- **in an organised manner**

Central Processing unit

▶ **performs operations like arithmetic and logical operations**

Central Processing unit

- performs operations like arithmetic and logical operations
- stores data and instructions

Central Processing unit

| Takes **data** and **instructions** | → | Processes them | → | **Output** is then stored |

Summary

In this tutorial, we learnt

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In this tutorial, we learnt

- **about the various components of a desktop and laptop**
- **to connect the various components of a desktop**

About the Spoken Tutorial Project

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- **It summarises the Spoken Tutorial project**

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- **If you do not have good bandwidth, you can download and watch it**

Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- ▶ **Conducts workshops using spoken tutorials**

- ▶ **Gives certificates to those who pass an online test**

- ▶ **For more details, please write to contact@spoken-tutorial.org**

Acknowledgements

- **Spoken Tutorial Project is a part of the Talk to a Teacher project**
- **It is supported by the National Mission on Education through ICT, MHRD, Government of India**
- **More information on this Mission is available at http://spoken-tutorial.org /NMEICT-Intro**

Thank You

Thanks for joining

http://spoken-tutorial.org