

NUR AFRICA ACADEMY

IT GRADE 3



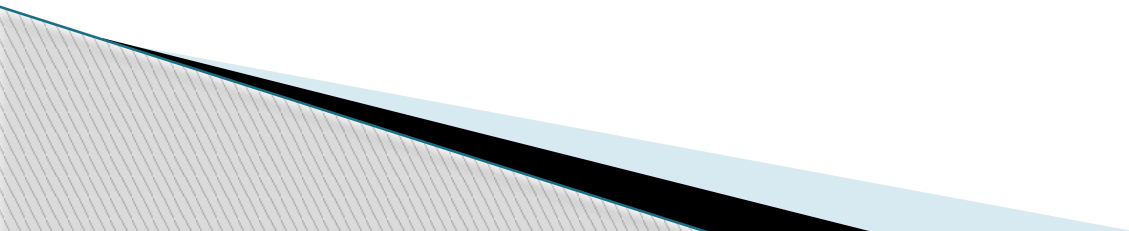
CENTER OF WISDOM

What are the main parts of a computer?

Computer has four main parts.

- | | |
|----------------------|------------|
| 1. Keyboard | 2. Monitor |
| 3. CPU (System unit) | 4. Mouse |

But there are also other devices which can be connected to the CPU such as Speaker, Printer, Scanner, Joystick, etc.

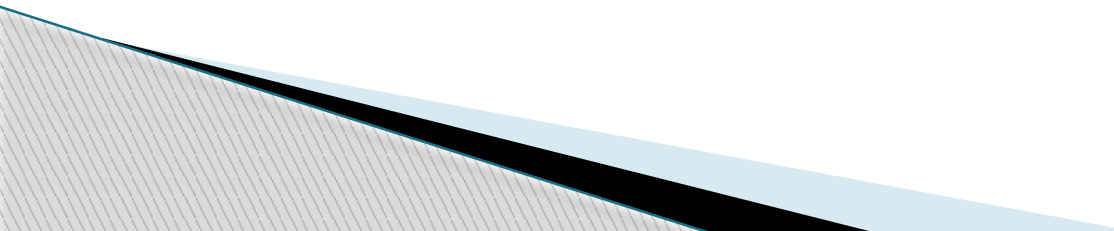


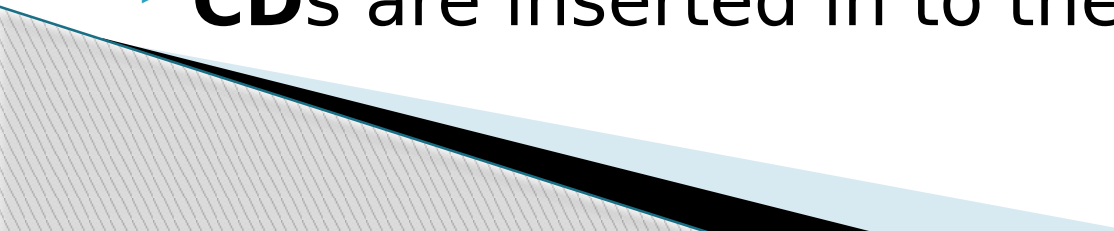


- ▶ **Keyboard**

- ▶ Keyboard is an input device which used to enter data or instructions to the computer.

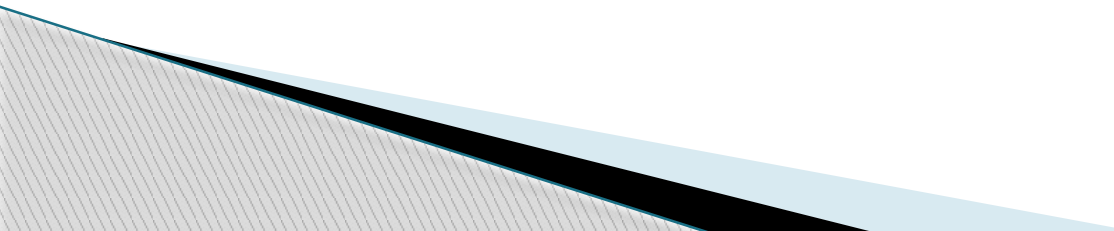
- ▶ **2. Mouse**

- ▶ Mouse is a pointing device. It is palm-sized device with two or three buttons.
 - ▶ Mouse has a wheel in between the two buttons.
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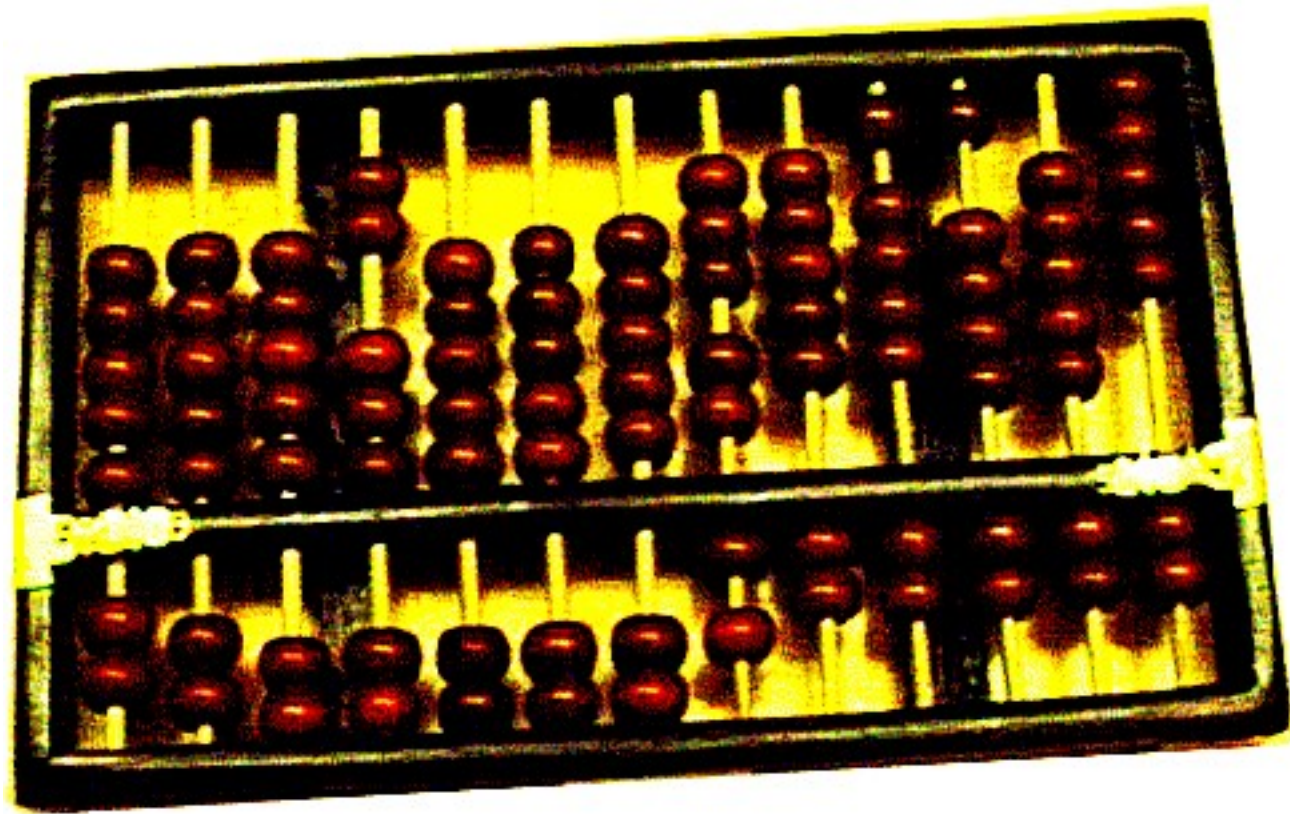
- ▶ Mouse is connected to the CPU.
 - ▶ Mouse is kept and moved over the mouse pad.
 - ▶ **3. CPU (System Unit)**
 - ▶
 - ▶ **CPU** is a short name of Central Processing Unit which works like our brain.
 - ▶ **CPU** is a processing device.
 - ▶ **CDs** are inserted in to the CPU.
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- ▶ **Monitor**

- ▶ Monitor is an output device which is used to display the result of our work done by the CPU. It is also known as **Visual Display Unit (VDU)**. There are two types of monitors.
 - ▶ **Monochrome monitor:** It displays text and pictures in black and white colors.
 - ▶ Color Monitor: It displays text and pictures in many different colors.
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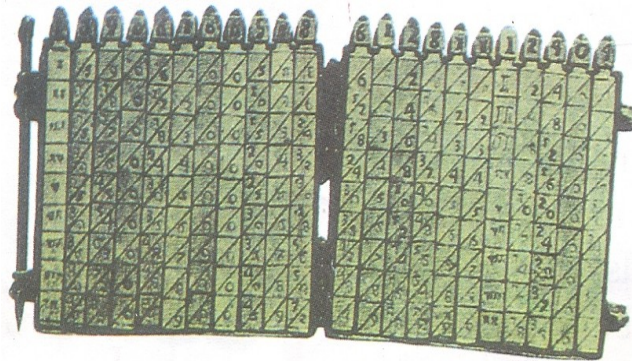
- ▶ History of Computers
 - ▶ In ancient times, man used to count with the help of sticks, stones, etc. this was very difficult.
 - ▶ The earliest calculating machine was a manual device. It was called the abacus. It was invented in China over 2000 year ago.
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THE ABACUS



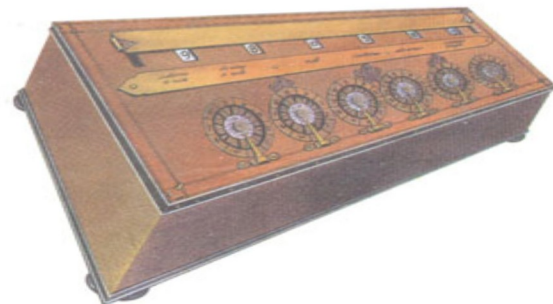
▶ **THE NAPIER'S RODS**

- ▶ John Napier was a mathematician of Scotland. He invented a manual calculating device called the ***Napier's Rods*** in **1617**. It consisted of a set of numbered rods for doing multiplication.



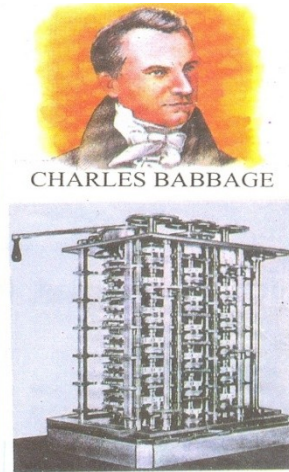
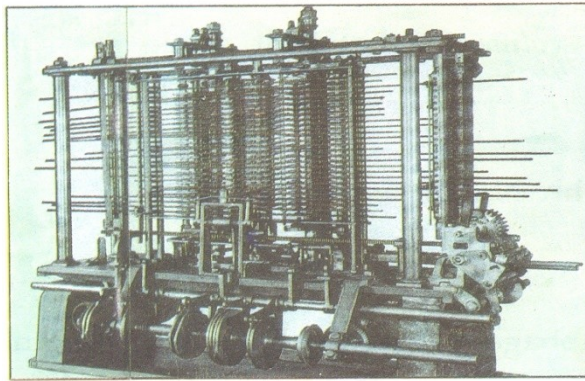
▶ **THE PASCALINE**

- ▶ In 1642 AD, Blaise Pascal, a French mathematician invented a calculating machine called the Pascaline. It had number of teeth and wheels connected together by some chains.
- ▶ Each wheel has ten teeth for numbers 0 to 9. This device is believed to be the first calculator of the world.

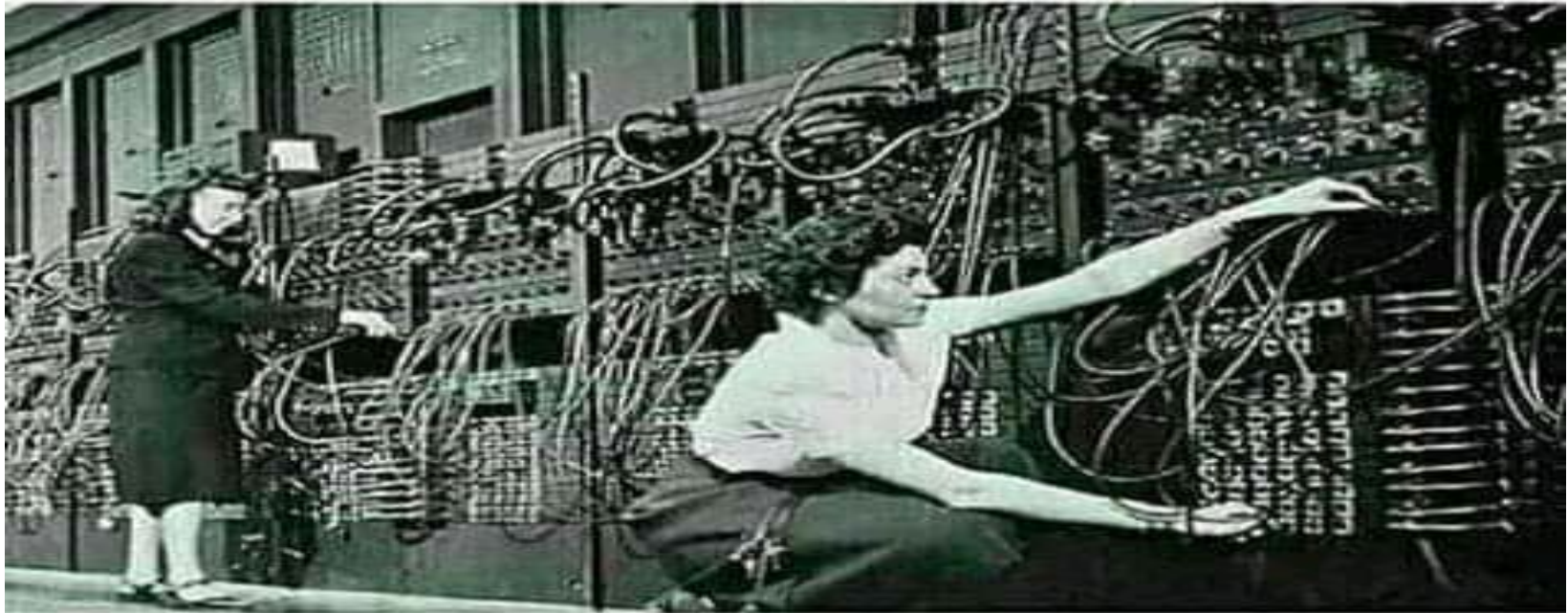


CHARLES BABBAGE

- ▶ Charles Babbage was an English mathematician. He designed a machine, Difference Engine; in 1822 it aimed at calculating mathematical tables.



**First computer programmer
was a lady**



**That's why the language
of computer is difficult to
understand 😊**