



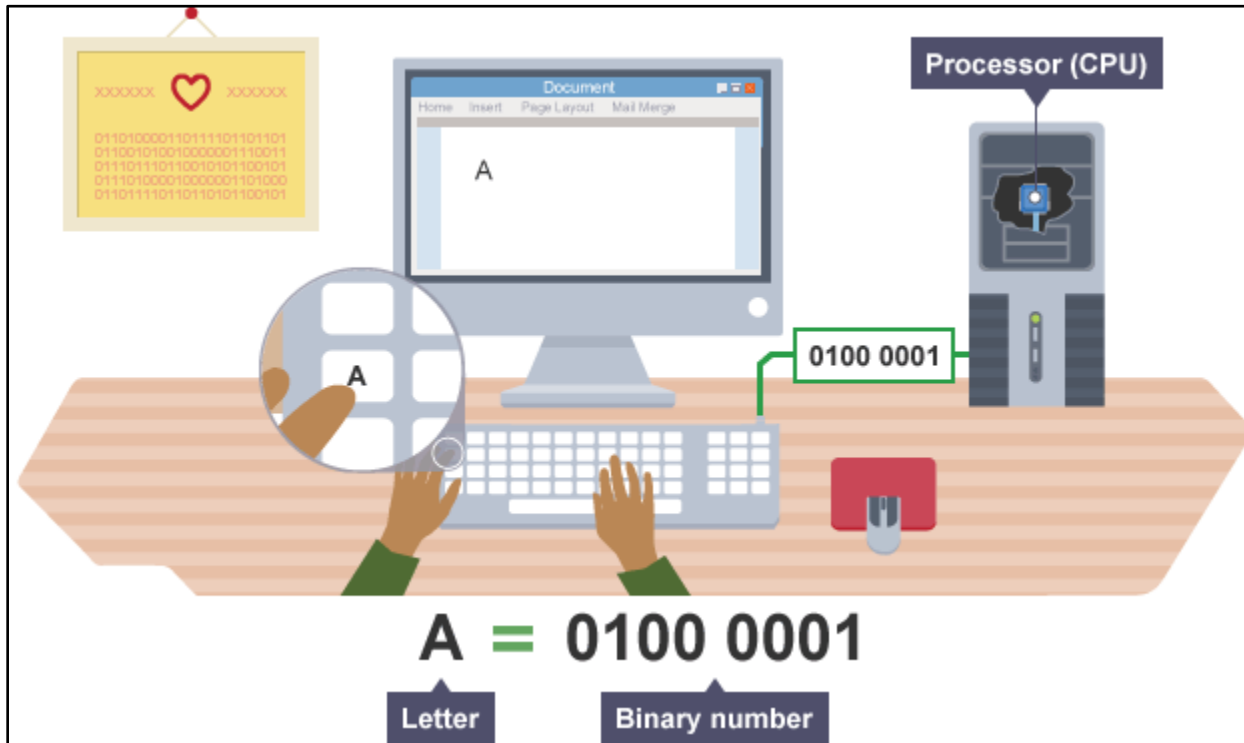
# Computer Skills



زانکۆی سه‌لاحه‌دین - کۆلیژی په‌روه‌ردی بنه‌ره‌تی

قۆناغی یه‌که‌م First Class

2023-2024



# What is IT (Information Technology) ?

**IT:** Information technology (IT) is the use of computers to store, retrieve, transmit, and manipulate data or information



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110	1011
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110	0100
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110	0001

# 1.2 A typical Computers

**Computer** is a programmable electronic device designed to accept data, perform prescribed mathematical and logical operations at high speed, and display the results of these operations.

The word of **“Computer”** was first recorded as being used in **1613** and originally was used to describe a **human** who performed calculations or computations until the end of the 19<sup>th</sup> century when realized **electronic devices**.



# 1.4 Types of Computers

1. **Supercomputer** : a high performing computer that operates at extremely high speeds
2. **Mainframe** : a centralized computer used for large scale computing
3. **Mini Computer** : computer that is smaller than a mainframe
4. **WorkStation** : equipment designed for a single user to complete a specialized technical/scientific task
5. **PC (Personal Computer)** : a digital computer designed to be used by one person at a time

# 1.4.5 Personal Computer

1. Desktop Computers



2. Laptop (a Notebook) Computers



3. Tablet PCs



4. Personal Digital Assistants (PDAs)



5. Mobile Phones



6. Smartphones



7. Multimedia Players

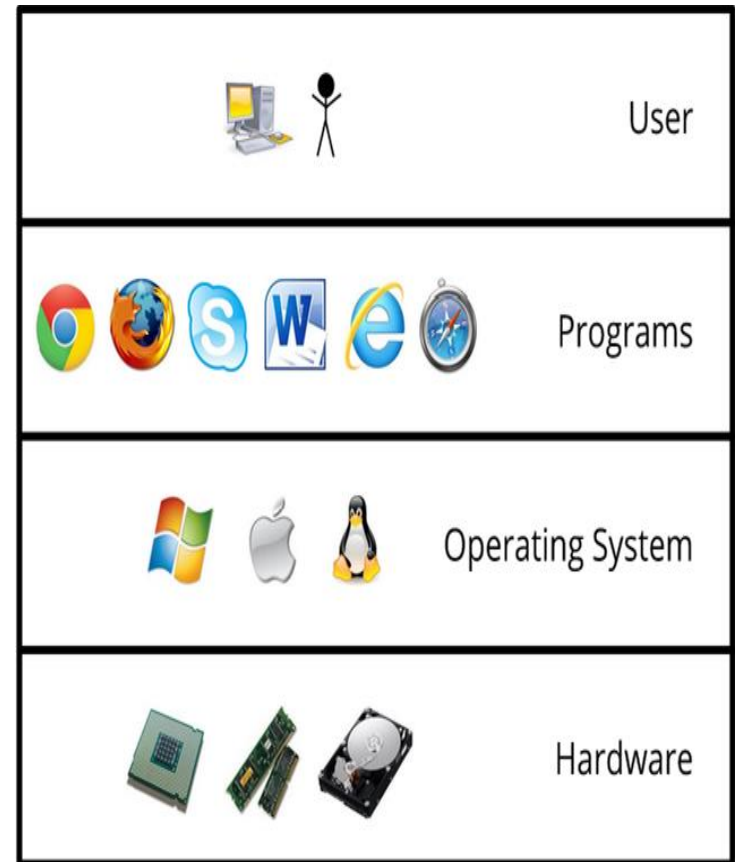


# 1.5 Computer Components

## 1. Users

## 2. Software

## 3. Hardware



# Block diagram of a Computer

