

# Software

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- Instructions that tell the computer how to process data into the form you want.
- Two major types:
  - System Software
  - Applications Software

# System Software

System Software enables the application software to interact with the computer hardware.

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Types of System Software:

1. Operating System
2. Utilities
3. Device Drivers

- **Operating Systems** are programs that coordinate computer resources, provide an interface between users and the computer; and run applications.
- **Utilities** perform specific tasks related to managing computer resources.
- **Device drivers** are specialized programs designed to allow particular input or output devices to communicate with the rest of the computer system.

# Functions of a System Software

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- Managing resources (memory, processing, storage, and devices like printer).
- Providing user interface
- Running applications

# Application Software

Applications Software provides the real functionality of a computer. It help you use your computer to do specific types of work.

## Two Types of Application Software

1. General purpose application software
2. Special purpose application software

# . General purpose application software

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- General purpose application software is a type of application that can be used for a variety of tasks. It is not limited to one particular function. For example, a word processor could be classed as general purpose software as it would allow a user to write a novel, create a restaurant menu or even make a poster.
- Examples of General purpose application software include: Word processors, Spreadsheet and Presentation software.

# Special purpose application software

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- Special purpose application software is a type of software created to execute one specific task. For example, a camera application on your phone will only allow you to take and share pictures. Another example would be a chess game, it would only allow you to play chess.
- Other examples of special purpose application software are web browsers, calculators, media players, calendar programs etc

*Relationship between Hardware and different types of Software*

