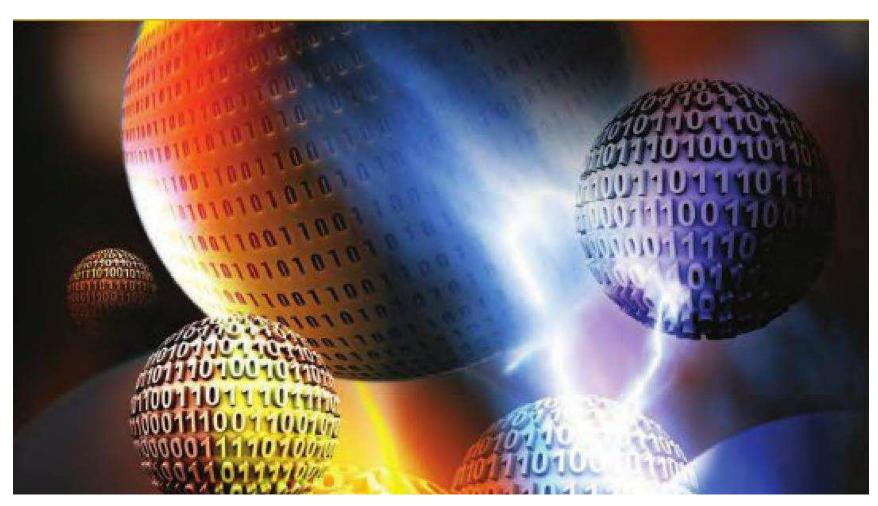
Chapter 1: Information Technology, the Internet, and You



Objectives

- Identify
 - an information system
 - system software and application software
 - the different types of computer hardware
- Overview on computer connectivity, the wireless revolution, the Internet, and cloud

computing

1) Hardware – includes keyboard, mouse, monitor, system unit, and other devices



2) **Software** – provides step-by-step instructions for computer hardware

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Consumers of the con-

3) Procedures – specify rules or guidelines for

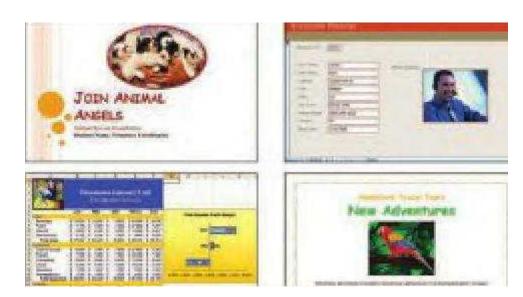
computer operations

4) **People** – are end users who use computers to make themselves

more productive



- 5) **Data** consists of unprocessed facts including text, numbers, images, and sound
- 6) **Connectivity** allows computers to share information and to connect to the Internet





- People the most important part of information system
- Software
- programs are the instructions that tell the computer how to process data into the form you want
- 2 major kinds:
 - 1) System software
 - 2) Application software

- System Software helps the computer manage its own internal resources. It is a collection of programs that includes Operating systems, Utilities, and Device drivers
- Application Software end user software that includes General-purpose applications,
 Specialized applications, and Mobile apps

- Hardware electronic devices that can follow instructions to accept input, process that input, and produce information.
 Microcomputers are widely used that includes Desktop computers, Notebook computers or Laptop computers, Tablets or tablet computers, and Handheld computers
- Data raw, unprocessed facts, including text, numbers, images, and sounds

 Connectivity – the capability of your microcomputer to share information with other computers