

Introduction

- Application software consists of programs designed to perform specific tasks for end users.
- ecific
- Application software can be used as a productivity/business tool;
- to assist with projects; to support home, personal, and educational activities; and to facilitate communications.

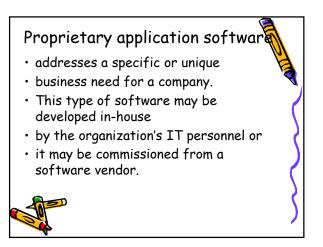


Application software Specific application software products, called software packages, Thousands of application packages are available from software vendors. because there are thousands of different jobs end users want computers to do.

Types of Application Softwark

- Application software includes
- proprietary application software also known as inbuilt software and
- off-the-shelf application software.

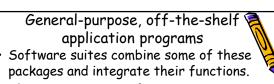




Proprietary application softwar

 Such specific software programs developed for a particular company by a vendor are called contract software General-purpose, off-the-shelf

- they support general types of processing
- rather than being linked to any specific susiness function.
- This type of software consists of nine widely used packages:
- spreadsheet, data management, word processing, desktop publishing, graphics, multimedia, communications, speechpercontion software, and groupware.



- The most common software suite is Microsoft office.
- Off-the-shelf may be customizable.
- Special purpose programs or "packages" can be tailored for a specific purpose,
- such as inventory control or payroll.



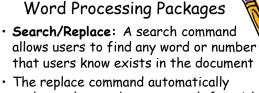
Word Processing Packages

- Word processing software is used to create, manipulate, and print documents.
- Documents can be any kind of text material.
- Some examples of documents are letters, memos, term papers, reports, and contracts.



Word Processing Packages

- Popular word processing packages include WordPerfect, MS-Word, and MacWrite.
- These word processing packages allow users to do the following interesting features:



- The replace command automatically replaces the word users search for with another word.
- The search and replace commands are useful for finding and fixing errors.



Word Processing Packages

- Mail Merge: This feature allows users to merge different names and addresses so that users can mail out the same form letter to different people.
- **Thesaurus**: This programs enable users to quickly find the right word or an alternative word by presenting users with an on-screen thesaurus.



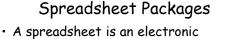
Word Processing Packages

- Spelling Checker: A spelling- checker program can check spelling errors in a document automatically.
- **Desktop Publishing:** This feature enables users to mix text and graphics to produce newsletters and other publications of nearly professional quality



Word Processing Packages

- Grammar/Style Checker: These programs can be used to identify and correct grammar and punctuation errors.
- **Importing:** Files may be retrieved from nontext programs such as spreadsheets and graphics and added to the word processing program.



- worksheet used to organize and manipulate numbers and display options for what-if analysis.
- The electronic spreadsheet has rows and columns.

Spreadsheet Packages

- Users can manipulate numbers by using stored formulas and calculate different outcomes.
- A spreadsheet has several parts.
- The *worksheet area* of the spreadsheet has *column headings* across the top and *row headings* down the left-hand side.

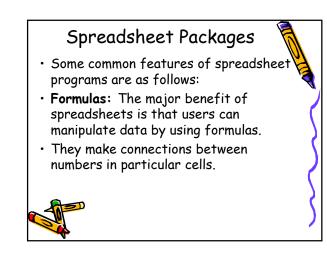


Spreadsheet Packages

- The intersection of a column and row is called a *cell*.
- The cell holds a unit of information.
- The position of a cell is called the *cell address*.
- Popular electronic spreadsheet packages include Lotus 1-2-3, Quattro Pro, and Excel.

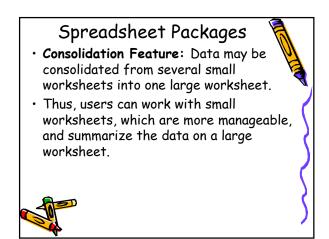


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Spreadsheet Packages

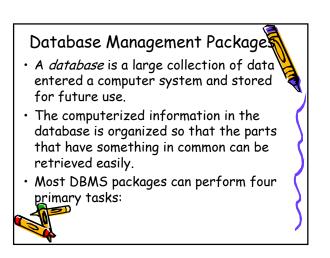
- **Recalculation**: If users change one or more numbers in the spreadsheet,
- all related formulas will recalculate automatically.
- Graphic Data Display: Spreadsheets, allow users to display numerical information as pie charts or bar charts



Spreadsheet Packages

- Dynamic File Links: Some software offers dynamic file links,
- which allow users to link cells in one worksheet file to cells in other worksheet files.
- Whenever a change occurs in one file, the linked cells in the other files are automatically updated.





Database Management Package

- Database Development: Define and organize the content, relationships, and structure of the data needed to build a database.
- Database Interrogation: Access the data in a database for information retrieval and report generation.



Database Management Package

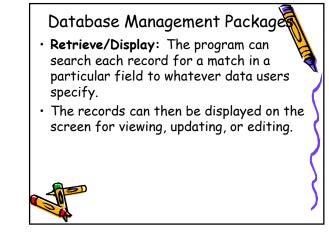
- Database Maintenance: Add, delete, update, correct, and protect the data in a database.
- Application Development: Develop prototypes of data entry screens, queries, forms, reports, and labels for a proposed application.



Database Management Package

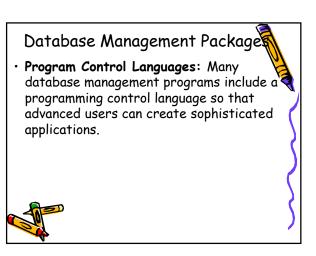
- Popular database management programs include dBASE, Paradox, and FoxPro access, Oracle.
- Database management packages have different features, depending on their sophistication.
- A principal feature of database management software are as follows:





Database Management Package

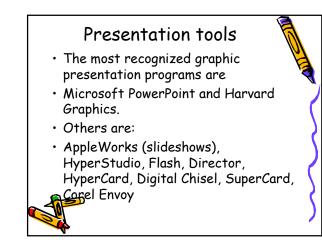
- Sort: Normally, records are entered the database in the order they occur.
- There are many ways users can quickly rearrange the records in the file.
- Calculate/Format: Many database programs contain built-in math formulas.
- for example, you can find the highest or lowest commissions earned and calculate the average of the commissions earned.



Presentation tools

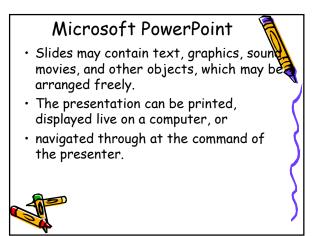
- The presentation programs can make giving presentations and using overheads easier.
- Other uses include:
- Slide Shows
- Repeating Computer Presentations on a computer monitor





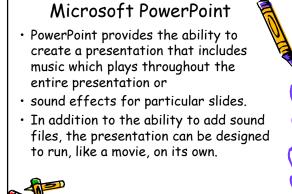
Microsoft PowerPoint

- PowerPoint presentations consist of a number of individual pages or "slides".
- The "slide" analogy is a reference to the slide projector.
- A better analogy would be the "foils" (or transparencies/plastic sheets) that are shown with an overhead projector.



Microsoft PowerPoint

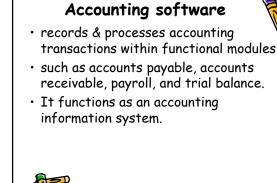
- For larger audiences the computer display is often projected using a video projector.
- Slides can also form the basis of webcasts.



Microsoft PowerPoint

- PowerPoint allows the user to record the slide show with narration and a laser pointer.
- Microsoft also offers the ability to broadcast the presentation to specific users via a link and Windows Live.





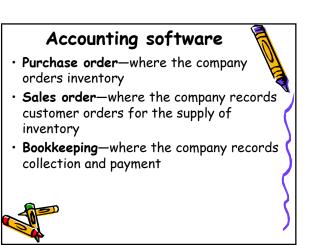
Accounting software

- It may be developed in-house by the company or organization using it,
- may be purchased from a third party, or
- may be a combination of a third-party application software package with local modifications.
- It varies greatly in its complexity and cost

Accounting software • Accounting software is typically composed of various modules, • different sections dealing with particular areas of accounting. • Among the most common are:

Accounting software

- Accounts receivable—where the company enters money received
- Accounts payable—where the company enters its bills and pays money it owes
- · General ledger—the company's "books"
- **Billing**—where the company produces invoices to clients/customers
- Stock/inventory—where the company keeps control of its inventory



Accounting software

- Non-core modules
- **Debt collection**—where the company tracks attempts to collect overdue bills (sometimes part of accounts receivable)
- Electronic payment processing
- Inquiries—where the company looks up information on screen without any edits or additions



Accounting software

- **Payroll**—where the company tracks salary, wages, and related taxes
- Purchase requisition—where requests for purchase orders are made, approved and tracked
- **Reconciliation**—compares records from parties at both sides of transactions for consistency
- etc



Web Browsers

- Web Browsers provide an easy to surf the Internet.
- Use search engines to find people, places, and things world-wide.
- Create your own web page to tell the world about you and your job.

Web Browsers

- Advertise your company and special activities.
- The two most popular web browsers are Netscape and Microsoft Internet Explorer.

