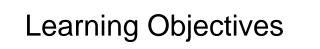
Modern Systems Analysis and Design

Sixth Edition

Jeffrey A. Hoffer Joey F. George Joseph S. Valacich

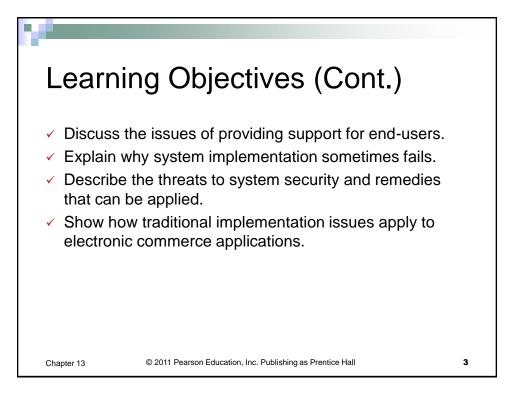
Chapter 13 System Implementation

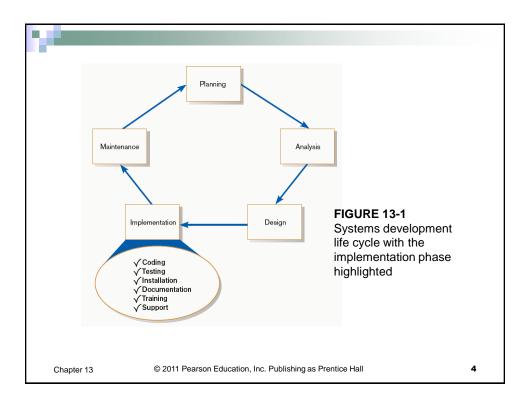


- Describe the process of coding, testing, and converting an organizational information system and outline the deliverables and outcomes of the process.
- Prepare a test plan for an information system.
- Apply four installation strategies: direct, parallel, singlelocation, and phased installation.
- List the deliverables for documenting the system and for training and supporting users.
- Compare the many modes available for organizational information system training, including self-training and electronic performance support systems.

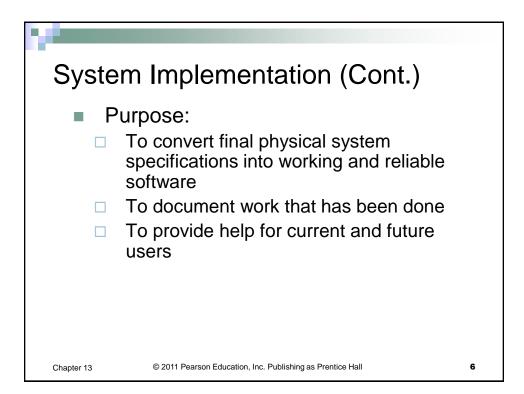
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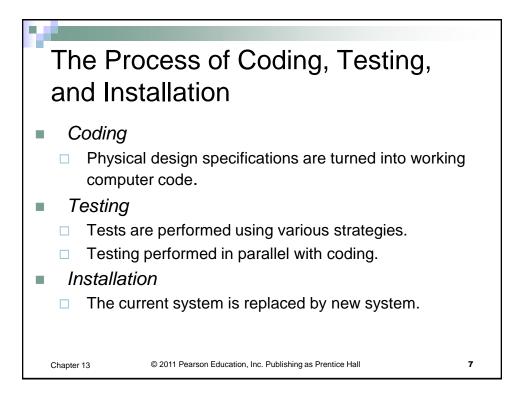
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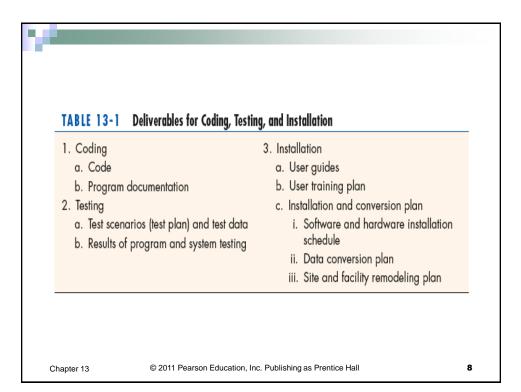


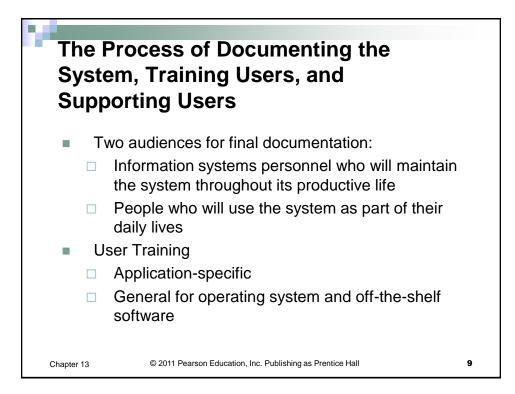


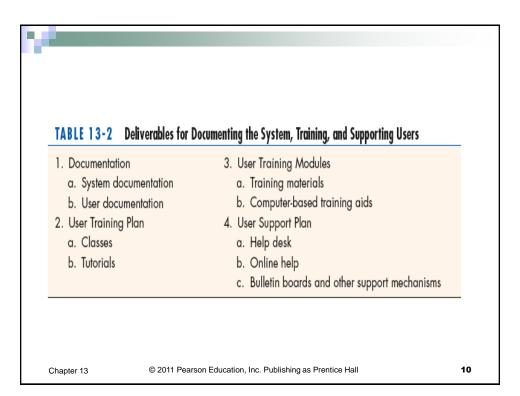
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System Implementation	
 Six major activities: Coding Testing Installation Documentation Training Support 	
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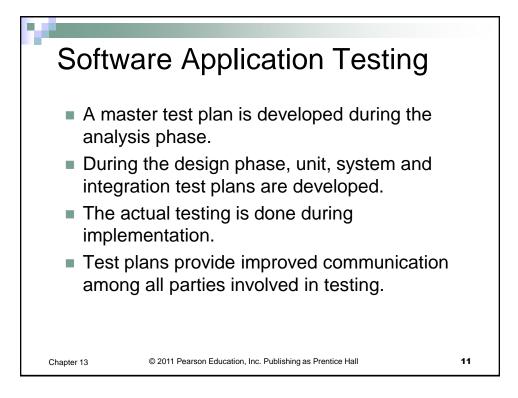
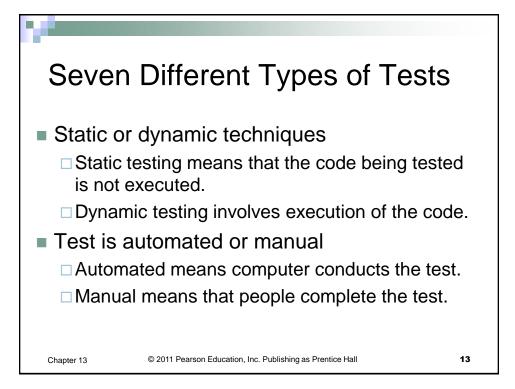
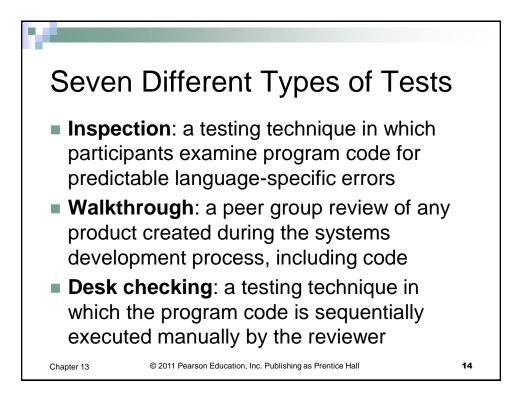
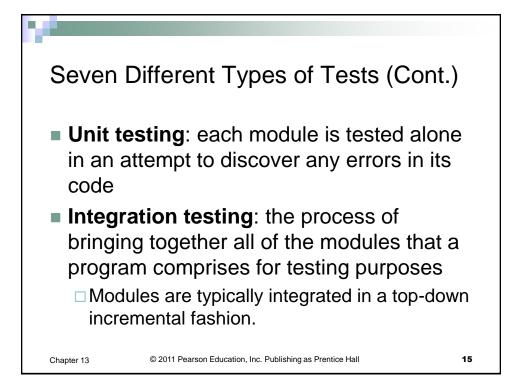
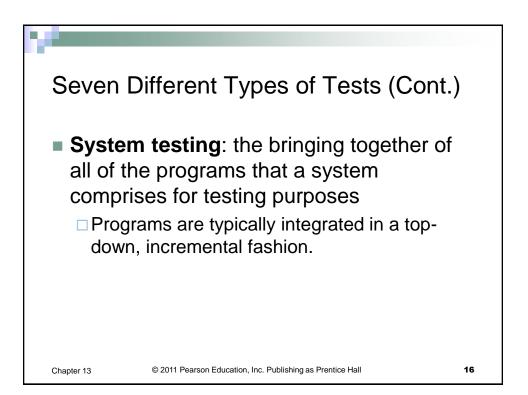


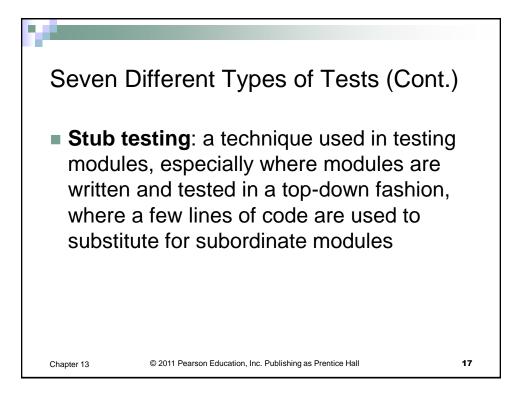
TABLE 13-3 Table of Contents of a Ma	ister Test Plan
1. Introduction	4. Procedure Control
a. Description of system to be tested	a. Test initiation
 Objectives of the test plan 	b. Test execution
c. Method of testing	c. Test failure
d. Supporting documents	d. Access/change control
2. Overall Plan	e. Document control
a. Milestones, schedule, and locations	5. Test-Specific or Component-Specific Test Plans
b. Test materials	a. Objectives
i. Test plans	b. Software description
ii. Test cases	c. Method
iii. Test scenarios	d. Milestones, schedule, progression, and locations
iv. Test log	e. Requirements
 c. Criteria for passing tests 	f. Criteria for passing tests
Testing Requirements	g. Resulting test materials
a. Hardware	h. Execution control
b. Software	i. Attachments
c. Personnel	

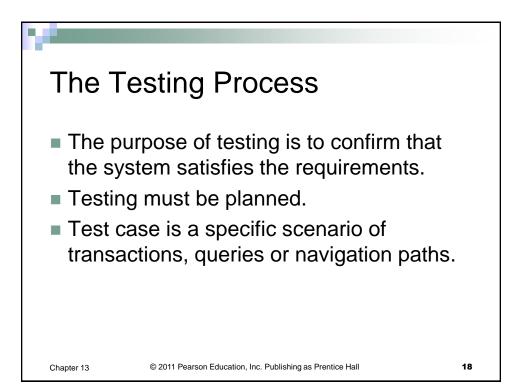


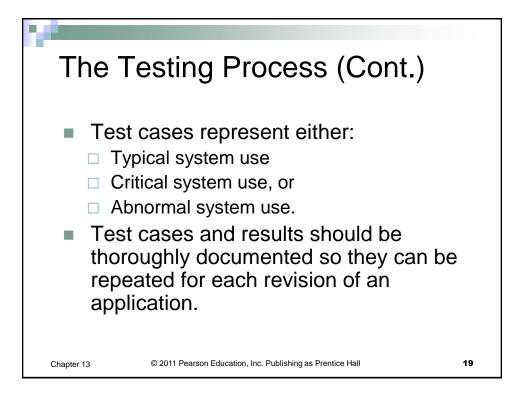




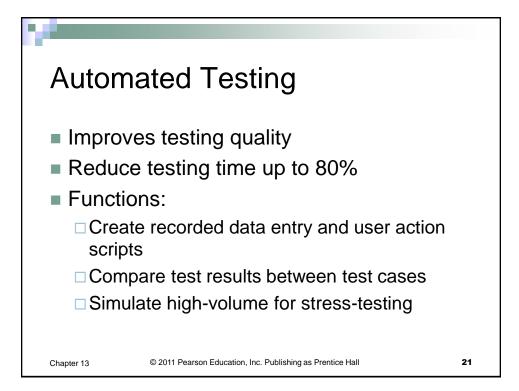


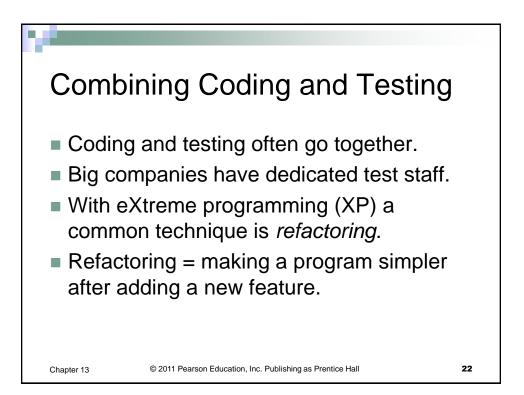


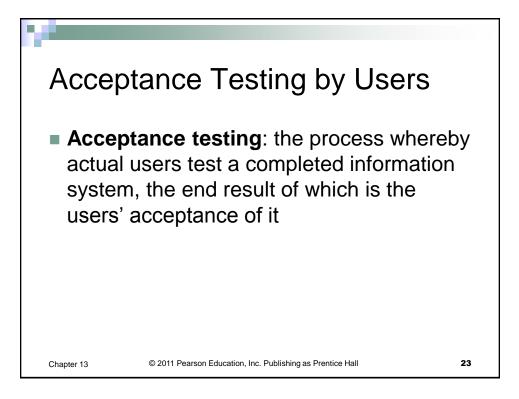


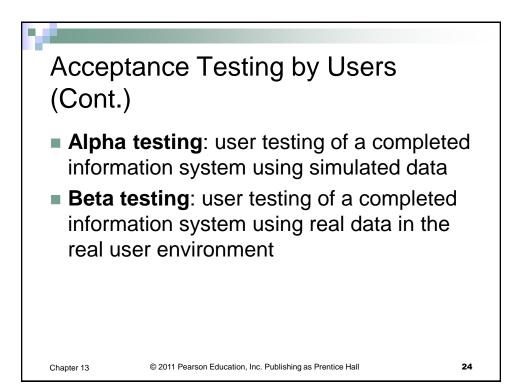


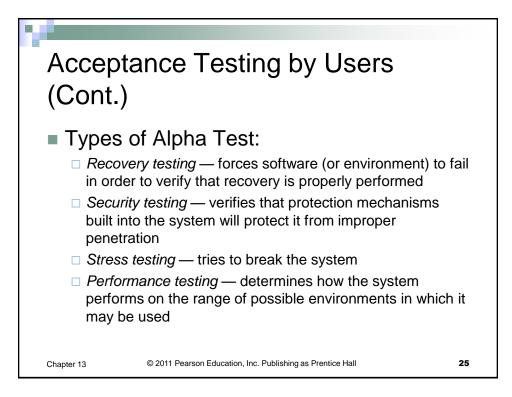
<u> </u>		
	Pine Valley Furniture Company <i>Test Case Results</i> Test Case Number: Date:	
	Program Name: Module Under Test:	
FIGURE 13-4 Test case results for	Explanation of difference between actual and expected output:	
(Source: Adapted fro Mosley, 1993.)	m	
	Suggestions for next steps:	
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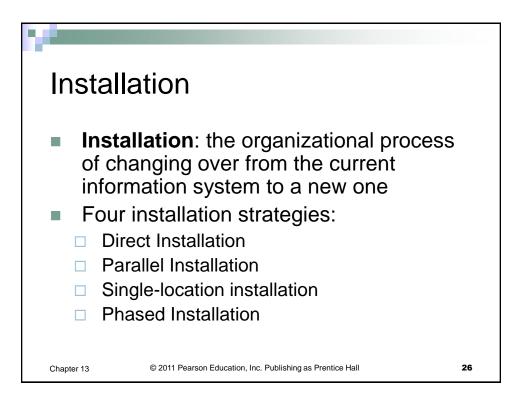


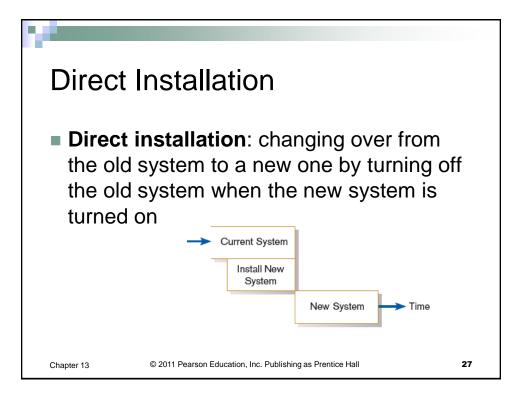


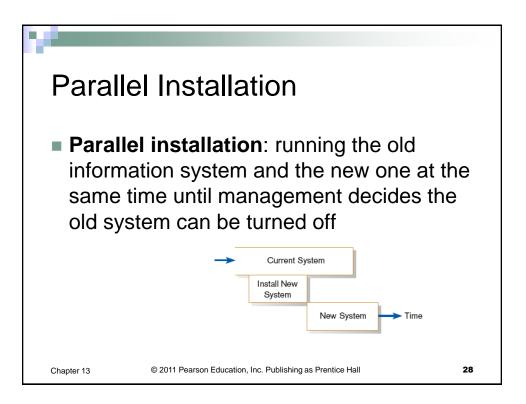


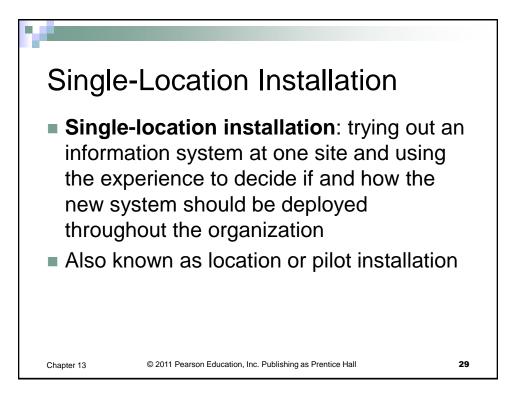


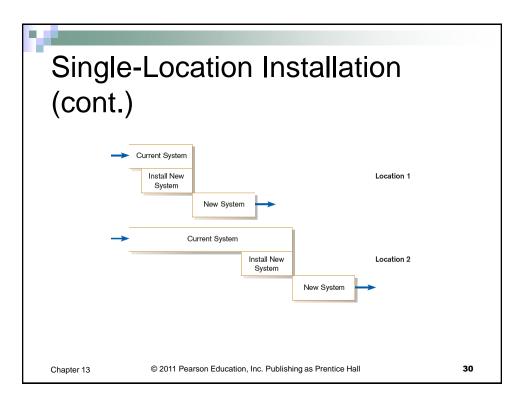


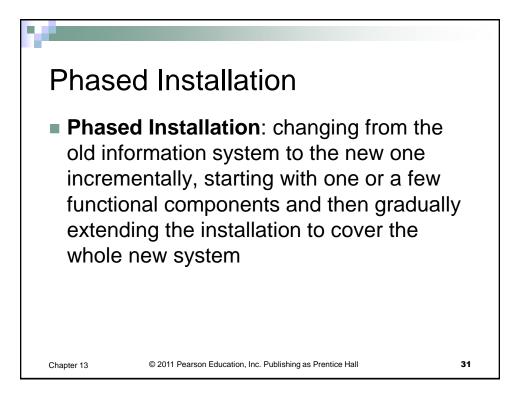


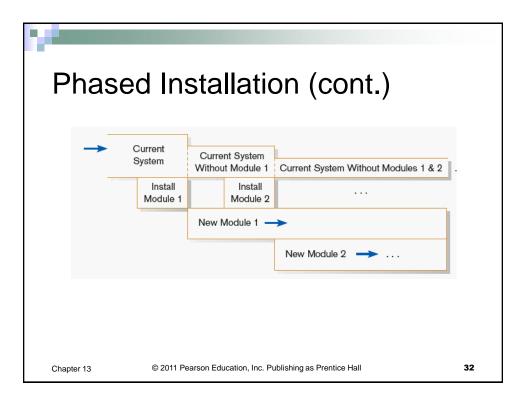


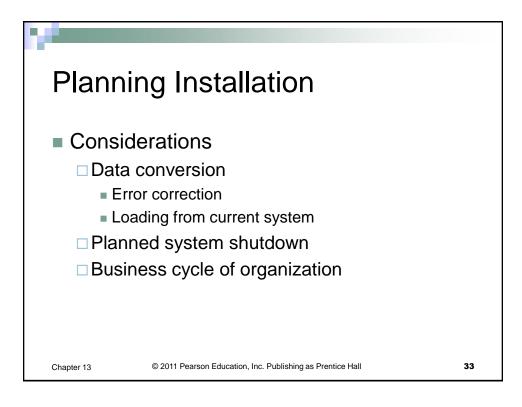


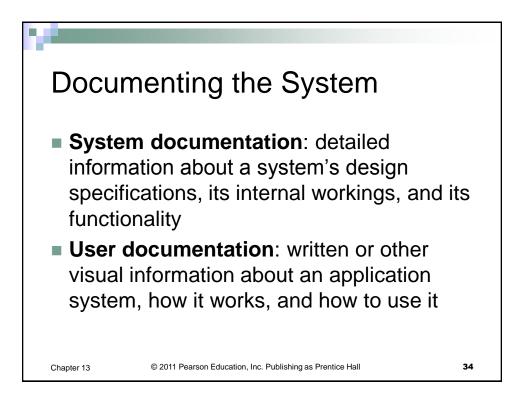


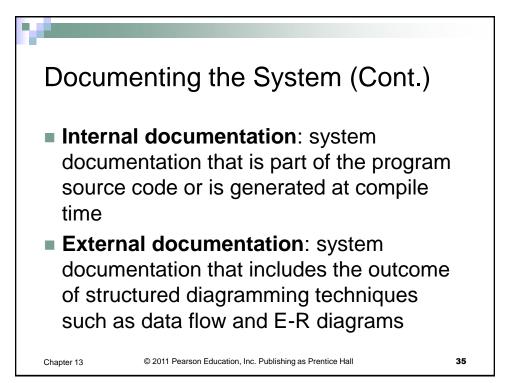






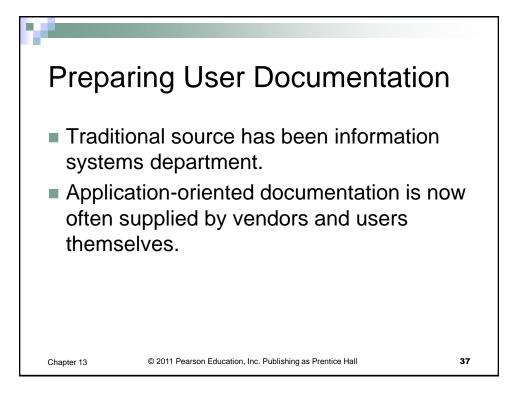






Generic Life-Cycle Phase	Generic Document
Requirements Specification	System Requirements Specification
	Resource Requirements Specification
Project Control Structuring	Management Plan
	Engineering Change Proposal
System Development	
Architectural design	Architecture Design Document
Prototype design	Prototype Design Document
Detailed design and implementation	Detailed Design Document
Test specification	Test Specifications
Test implementation	Test Reports
System Delivery	User's Guide
	Release Description
	System Administrator's Guide
	Reference Guide
	Acceptance Sign-Off

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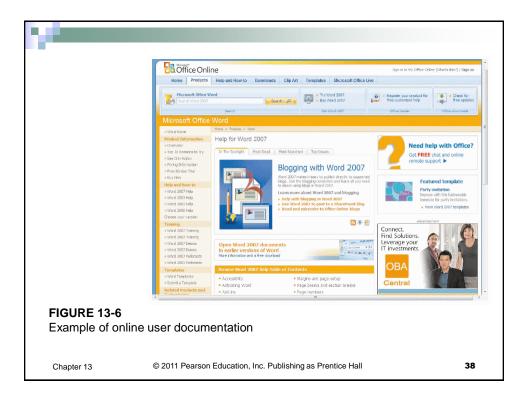
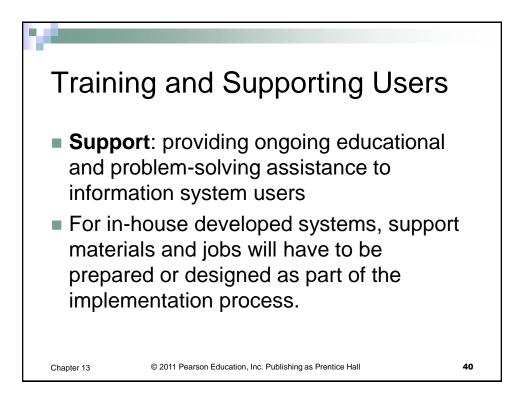
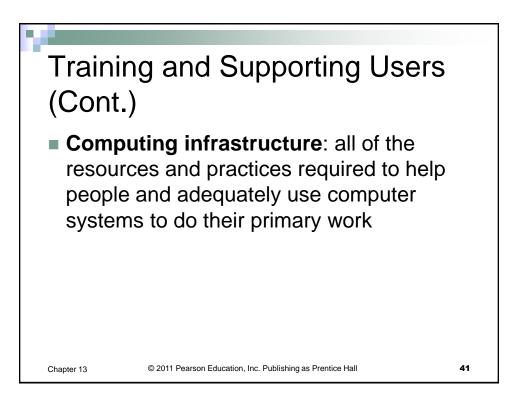
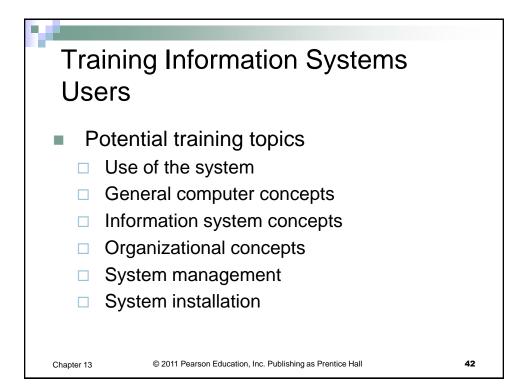
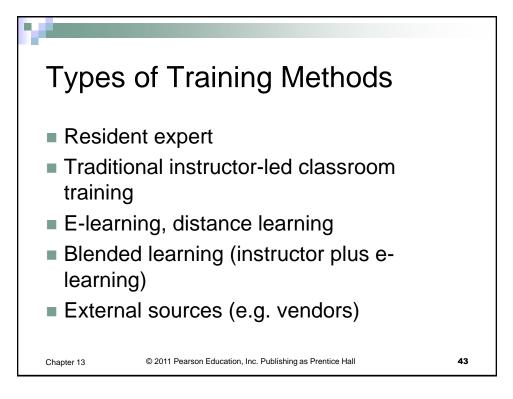


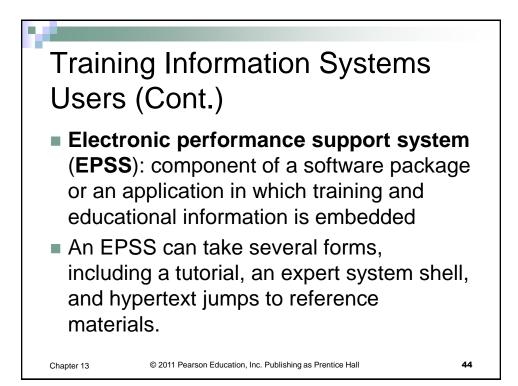
	TABLE 13-6 Outline of a Generic User's Guide	
	Preface 1. Introduction 1.1. Configurations 1.2 Function flow 2. User interface 2.1 Display screens 2.2 Command types 3. Getting started 3.1 Login 3.2 Logout 3.3 Save 3.4 Error recovery 3.n [Basic procedure name] n. [Task name] Appendix A—Error Messages [[Appendix]] Glossary Terms Acronyms Index [Source: Adapted from Bell and Evans, 1989.]	
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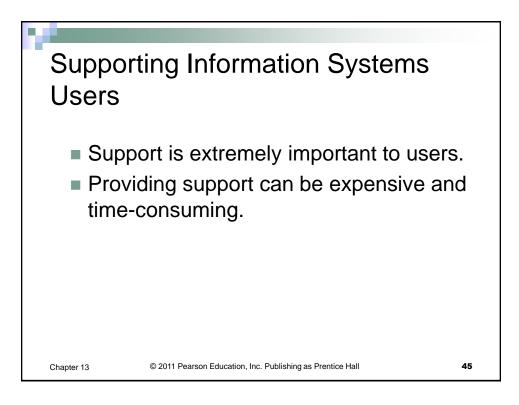


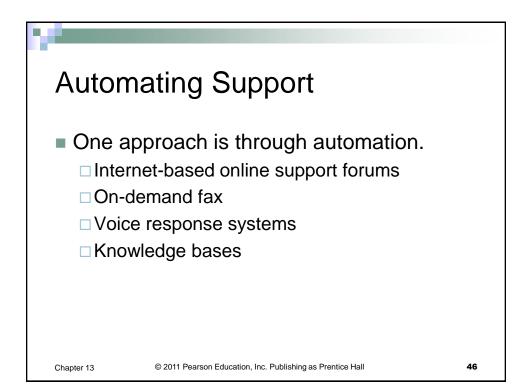


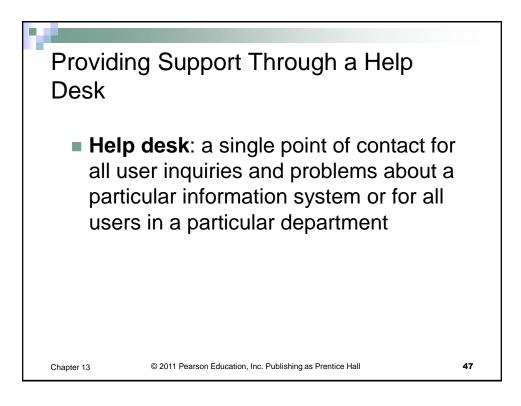


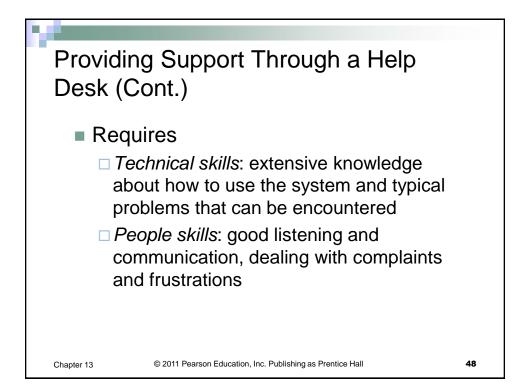


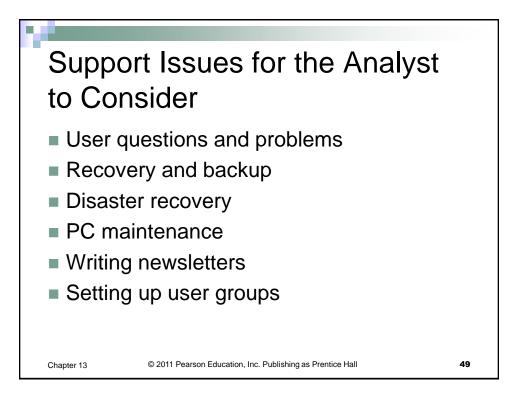




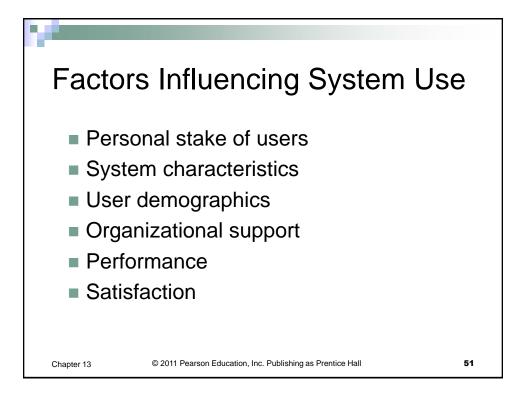


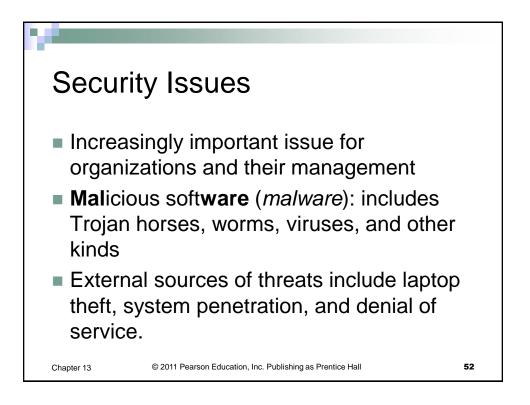


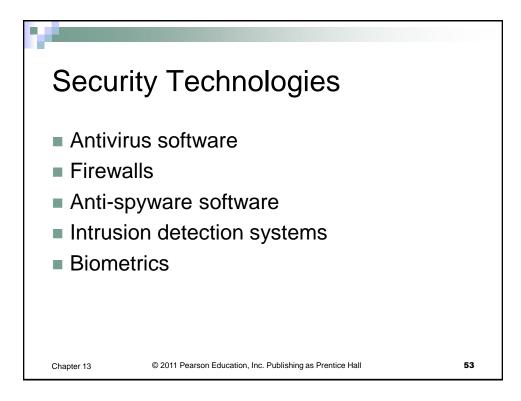


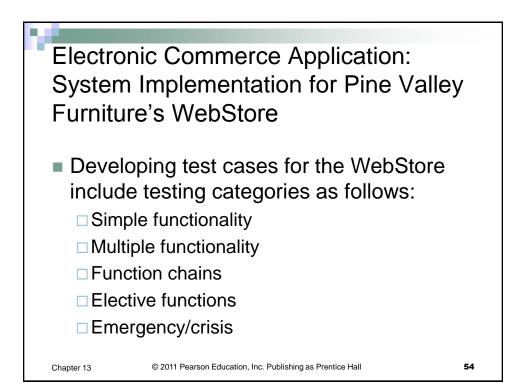


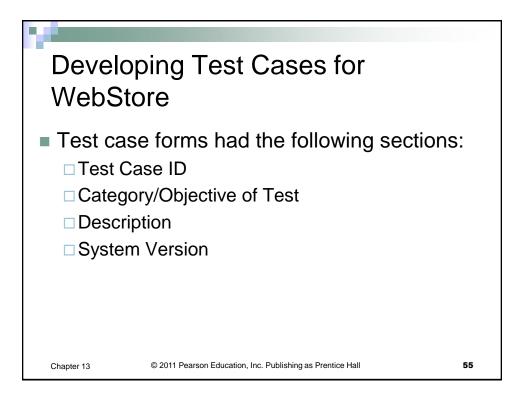


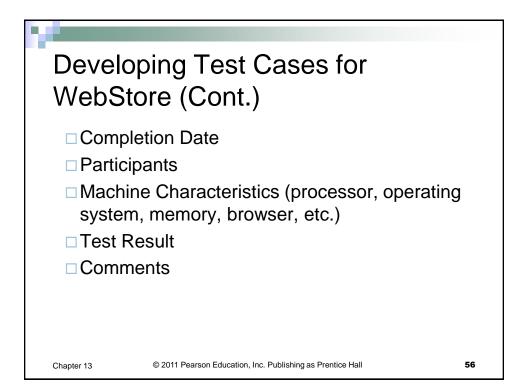


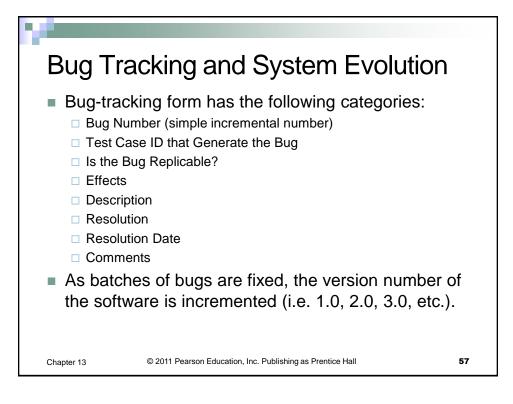


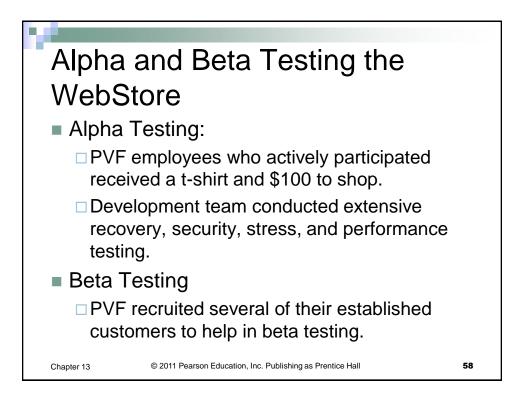


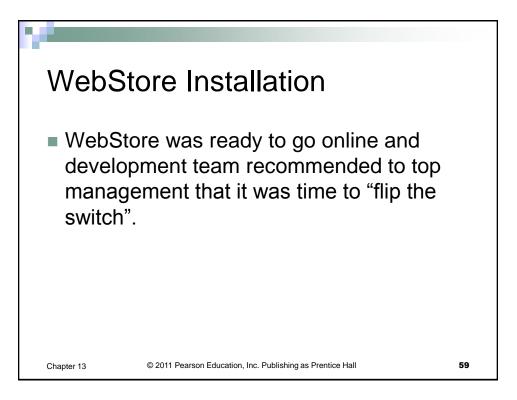


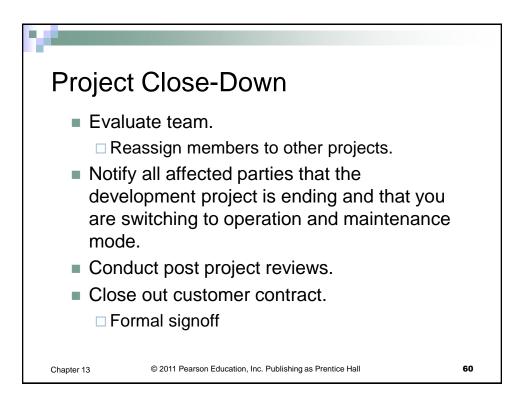


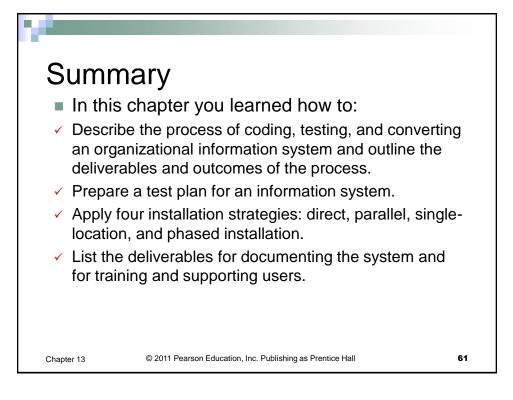


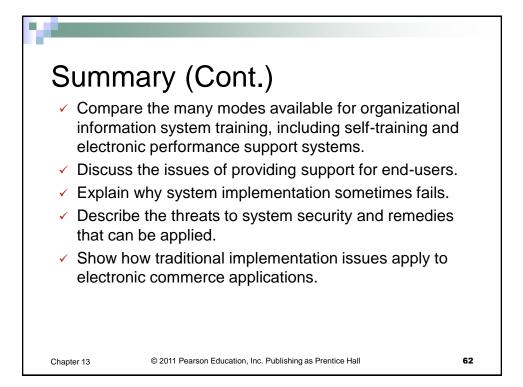












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