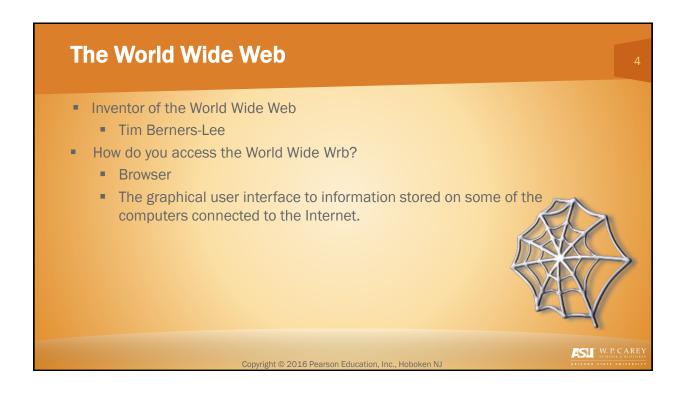
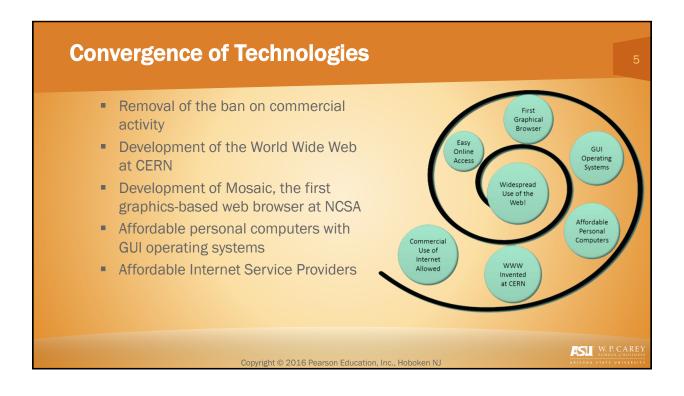


# ■ Internet Interconnected network of computer networks ARPAnet Advanced Research Project Agency 1969 - four computers connected NSFnet National Science Foundation Use of the Internet was originally limited to government, research and academic use 1991 Commercial ban lifted



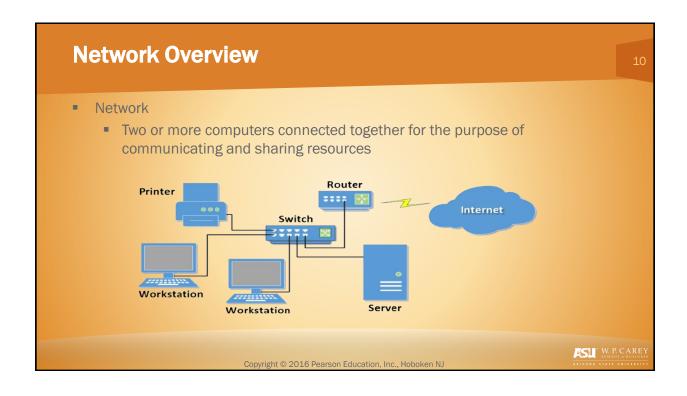




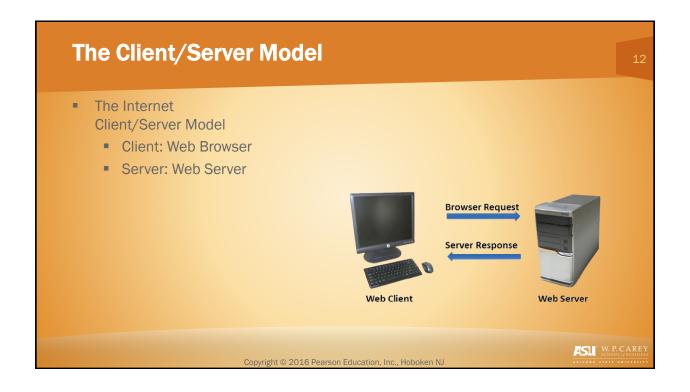
## Web Accessibility "The power of the Web is in its universality. Access by everyone regardless of disability is an essential aspect." - Tim Berners-Lee Accessible Websites Provide accommodations that help individuals with visual, auditory, physical, and neurological disabilities overcome barriers. WAI - Web Accessibility Initiative Develops accessibility recommendations WCAG 2.0 Web Content Accessibility Guidelines http://www.w3.org/WAI/WCAG20/quickref/

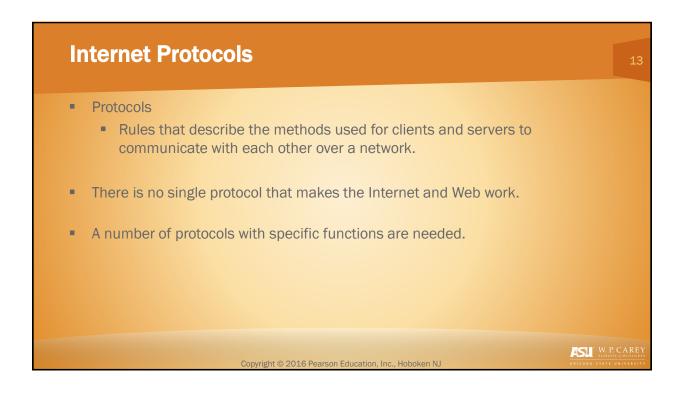
# Web Accessibility ■ Americans with Disabilities Act ■ 1990 ■ Prohibits discrimination against people with disabilities and applies to Internet resources. ■ Section 508 of the Rehabilitation Act ■ Requires that government agencies must give individuals with disabilities access to information technology that is comparable to the access available to others

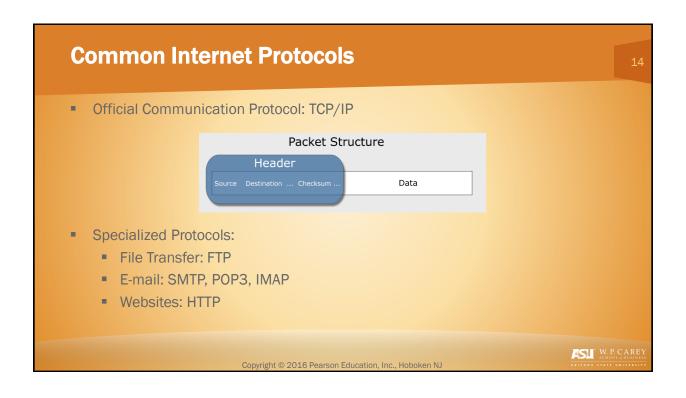


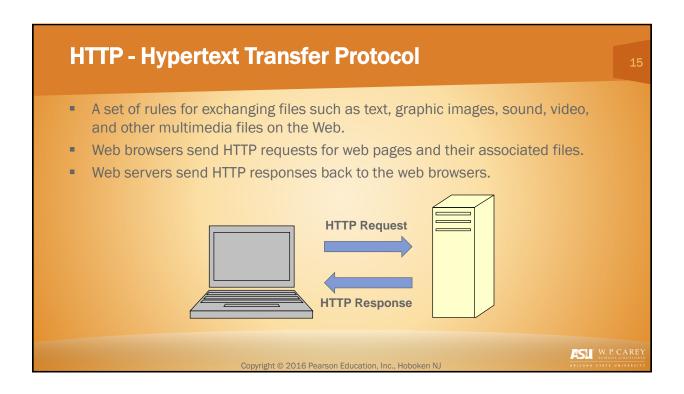


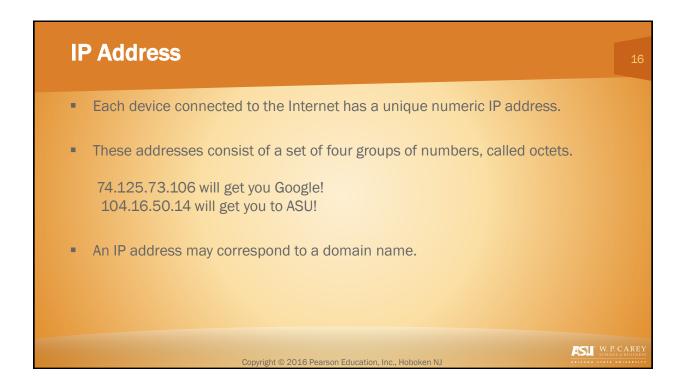
# The Client/Server Model Client/Server can describe a relationship between two computer programs – the "client" and the "server". Client Requests some type of service (such as a file or database access) from the server. Server Fulfills the request and transmits the results to the client over a network

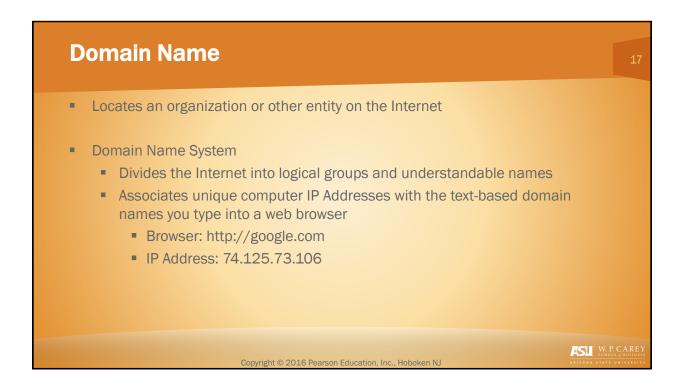


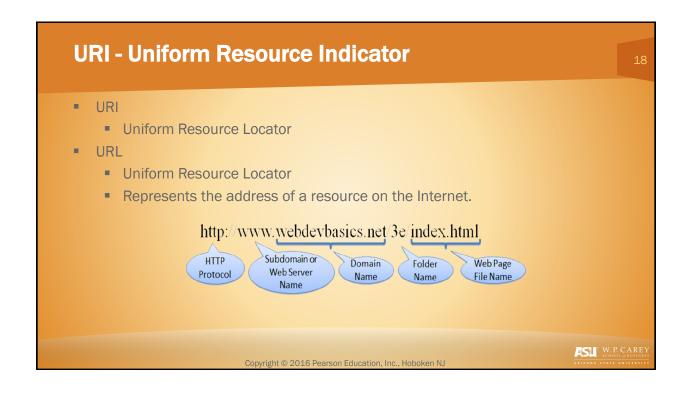








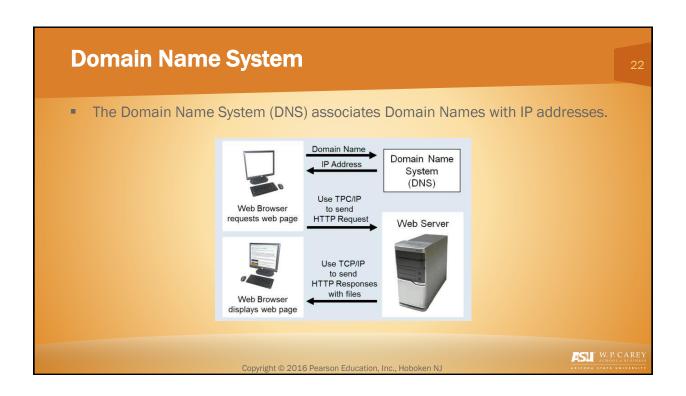




#### **TLD - Top-Level Domain Name** A top-level domain (TLD) identifies the right-most part of the domain name. Some generic TLDs: .com, .org, .net, .mil, .gov, .edu, .int, .aero, .asia, .cat, .jobs, .name, .biz, .museum, .info, .coop, .pro, .travel http://www.webdevbasics.net/3e/index.html Subdomain or HTTP Domain Folder Web Page Protocol Web Server Name Name File Name Name KSI W. P. CAREY Copyright © 2016 Pearson Education, Inc., Hoboken NJ



## Country Code TLDs Two character codes originally intended to indicate the geographical location (country) of the web site. In practice, it is fairly easy to obtain a domain name with a country code TLD that is not local to the registrant. Examples: tv, .ws, .au, .jp, .uk See <a href="http://www.iana.org/domains/root/db">http://www.iana.org/domains/root/db</a> for a list of TLDs.



## Markup Languages ■ SGML - Standard Generalized Markup Language ■ A standard for specifying a markup language or tag set ■ HTML - Hypertext Markup Language ■ The set of markup symbols or codes placed in a file intended for display on a web browser. ■ Element or tag – individual markup code ■ Attribute – modifies the purpose of a tag



