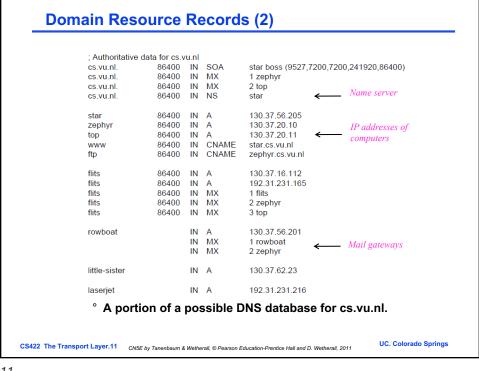
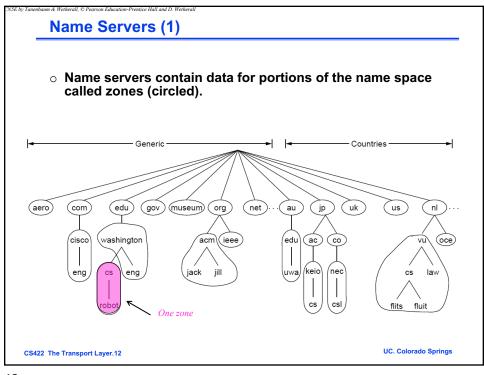
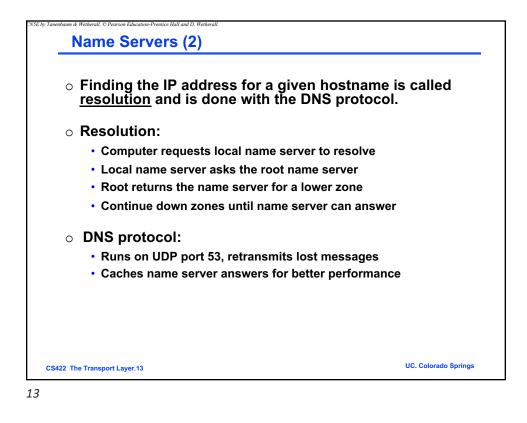


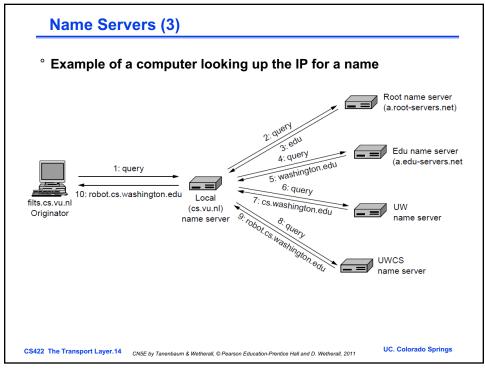
		ne namespace are IP address
(AAAA) g., MX)	and name servers (i	NS), but there are others too
. ,		
Туре	Meaning	Value
SOA	Start of authority	Parameters for this zone
А	IPv4 address of a host	32-Bit integer
AAAA	IPv6 address of a host	128-Bit integer
MX	Mail exchange	Priority, domain willing to accept ema
NS	Name server	Name of a server for this domain
CNAME	Canonical name	Domain name
PTR	Pointer	Alias for an IP address
SPF	Sender policy framework	Text encoding of mail sending policy
SRV	Service	Host that provides it
ТХТ	Text	Descriptive ASCII text

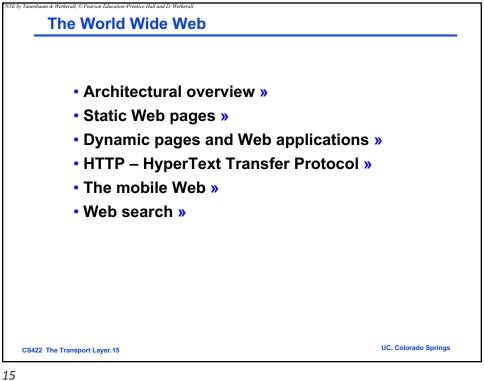


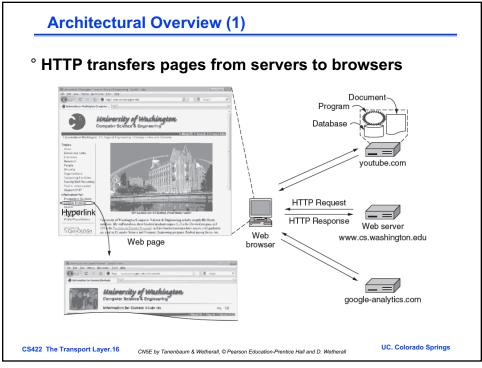


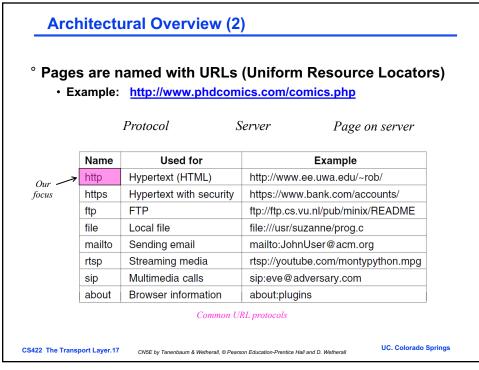


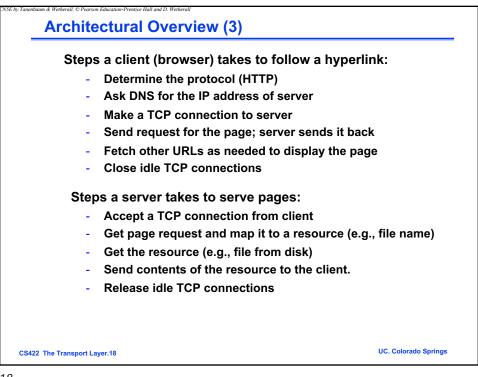


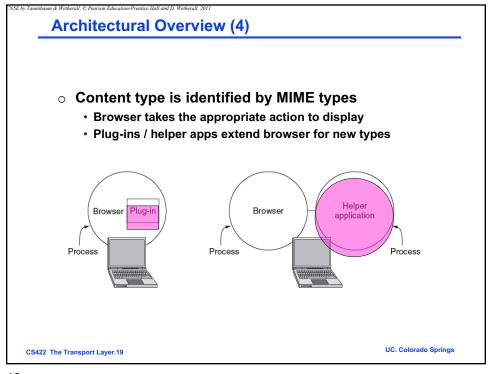


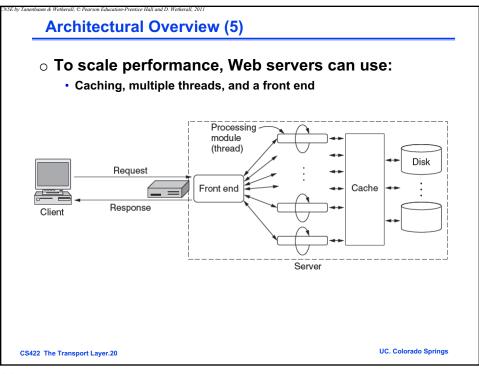


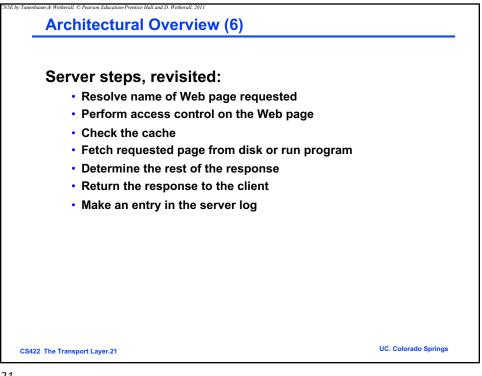




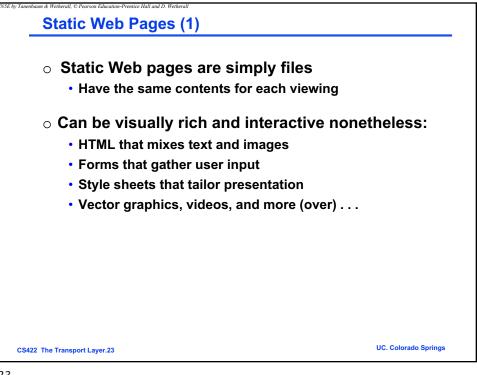




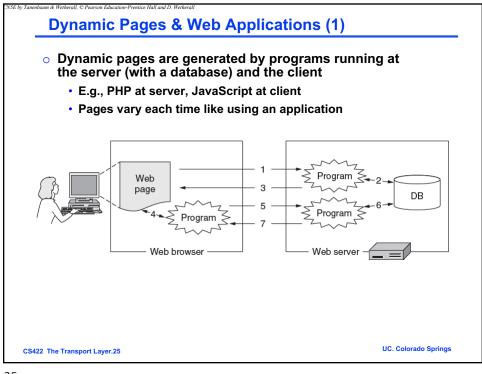




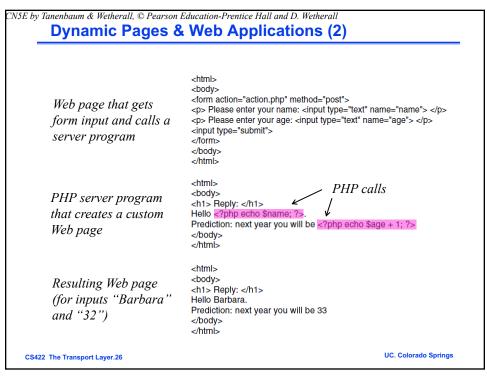
 Cookies support stateful client/server interactions Server sends cookies (state) with page response Client stores cookies across page fetches Client sends cookies back to server with requests 				
Domain	Path	Content	Expires	Secure
toms-casino.com	1	CustomerID=297793521	15-10-10 17:00	Yes
jills-store.com	1	Cart=1-00501;1-07031;2-13721	11-1-11 14:22	No
aportal.com	1	Prefs=Stk:CSCO+ORCL;Spt:Jets	31-12-20 23:59	No
sneaky.com	1	UserID=4627239101	31-12-19 23:59	No
		Examples of cookies		

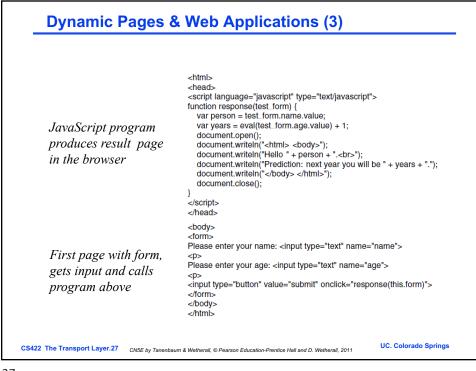


regreession of its	atures t	hrough H	HTML 5.0		
Item	HTML 1.0	HTML 2.0	HTML 3.0	HTML 4.0	HTML 5.0
_ Hyperlinks	x	x	x	x	x
Images	x	x	x	x	x
Lists	x	x	x	x	x
Active maps & images		x	x	x	x
Forms		x	x	x	x
Equations			x	x	x
Toolbars			x	x	x
Tables			x	х	x
Accessibility features				х	x
Object embedding				x	x
Style sheets				x	x
Scripting				X	x
Video and audio					x
Inline vector graphics					x
XML representation					x
Background threads					x
Browser storage					x
Drawing canvas					x

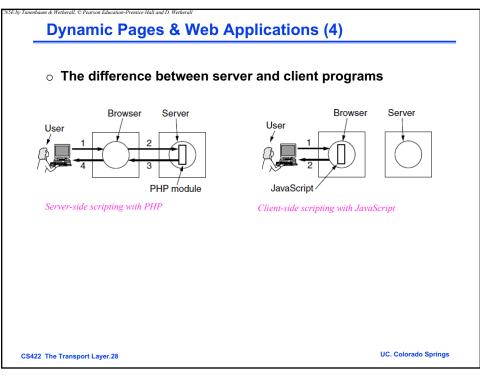


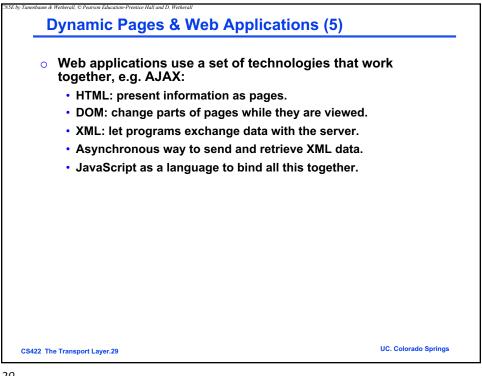




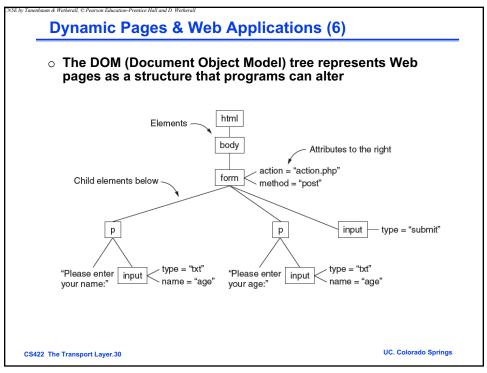


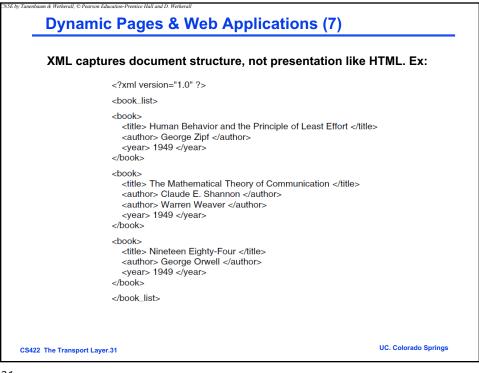




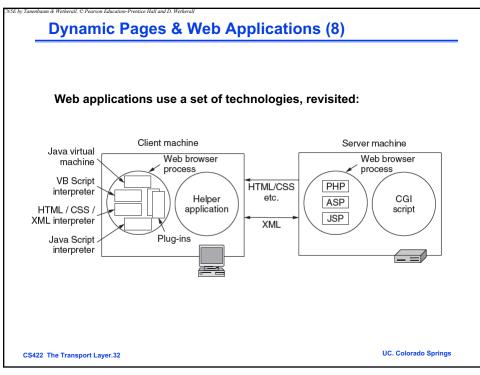


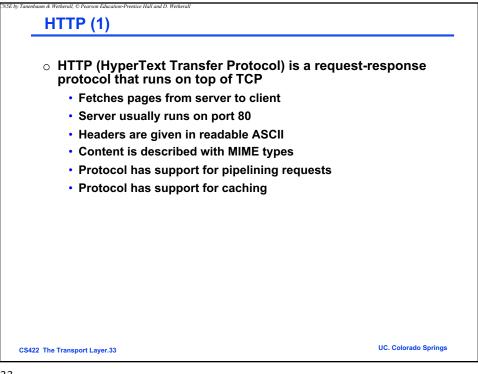




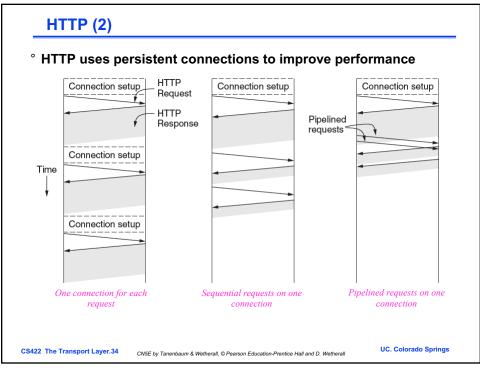


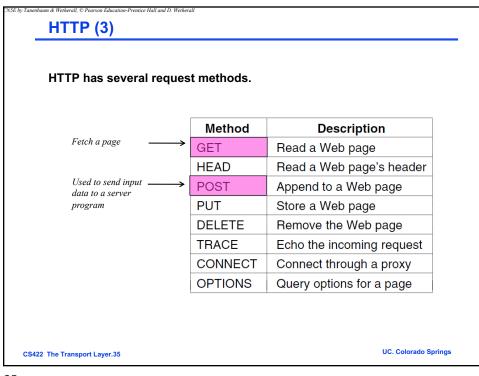












Code	Meaning	Examples
1xx	Information	100 = server agrees to handle client's request
2xx	Success	200 = request succeeded; 204 = no content present
Зхх	Redirection	301 = page moved; 304 = cached page still valid
4xx	Client error	403 = forbidden page; 404 = page not found
5xx	Server error	500 = internal server error; 503 = try again later

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Many headers carry key information:

Function	Example Headers
Browser capabilities (client \rightarrow server)	User-Agent, Accept, Accept-Charset, Accept- Encoding, Accept-Language
Caching related (mixed directions)	If-Modified-Since, If-None-Match, Date, Last- Modified, Expires, Cache-Control, ETag
Browser context (client \rightarrow server)	Cookie, Referer, Authorization, Host
Content delivery (server \rightarrow client)	Content-Encoding, Content-Length, Content-Type Content-Language, Content-Range, Set-Cookie

CS422 The Transport Layer.37

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