CSIS 3230 Computer Networking Principles Group Lab Report 5 – Serving up the Web and FTP file transfer Names: 1. Apache web server a) What is the full path name of the file containing the default home page? b) Can access web servers from all PCs on LAN 2. Add more content to your site Can access page with image using link on home page 3. Watching web traffic a) What application layer protocol is used by this packet (it will be the last line shown in the middle panel)? b) What transport layer protocol is used by this packet (the one between the application protocol and Internet protocol)? c) What are the source and destination ports of the packet with the web page request? Source: Destination: d) The first line shown in the payload of the page request packet is a command. Write it below: e) The first line in the payload of the response packet following the request has a status code. Write it below:

f) What status code was i existent web page?	in the response packet for the reply related to the non-
g) After closing the Follov before the first HTTP pa	v TCP Stream window, how many packets are display acket?
h) In addition to HTTP, wh packets in this stream?	at other protocol is shown in the <i>Protocol</i> column for t
4. Watching more web tr	
a) Packets:	Bytes: (From Wireshark)
b) For each GET:	(From Firefox)
File name	Connecting Waiting Receiving
c) Packets:	Bytes: (From Wireshark)
For each GET: (Fro	om Firefox)
<u>File name</u>	Connecting Waiting Receiving
N =	
d) Find the response pack	tet for the image file. What is status code in this packe

5. File transfer with ftp

b) What port number is used by the server for the c) Find the packet containing the command to req Request command and Request argument in the Request command: Request command: Request d) What port number is used by the server for the e) Briefly describe what is displayed when following that transfer the file data.	uest a file download. Identify the
Request command and Request argument in the Request command: Request command: Request argument in the Request argument in th	
d) What port number is used by the <i>server</i> for thee) Briefly describe what is displayed when following	
e) Briefly describe what is displayed when following	st arg:
, ,	packets related to data transfer?
	g the TCP stream for the packets
. Secure ftp	
a) What is displayed when the ftp filter is applied	
b) What port number is used by the <i>sftp server</i> ?	
What protocol is shown in the Protocol column?	
c) Describe the data transferred by the secure ftp previous non-secure ftp transfer.	
	connection compared to the
	connection compared to the