SI110 Spring	_			Page	9 1 OI 1
	□ Received no help	☐ Received help fro☐ Collaborated wit			
	Homework: /SI	I110/The Cyber Battl	efield/Networks	& Protocols 2 & 3	
1. Match the	ese service des	criptions with the p	protocol stack la	yer it is associated	d with:
a. moves	s bits over wir	es or through radio	waves, etc. (1)	Application Layer	20 / 16 / 12
b. serv	ices for users		(2)	Transport Layer	
c. moves	s packets from	one host to another	host. (3)	Internet Layer	
d. we do	on't know yet!		(4)	Link Layer	
		process running on on another host.	one host to (5)	Physical Layer	
		ferent transport lay of the two is descri		er each sentence belo	ow,
TCP / UDI	P a. Establish	es a connection, the	en communicates v	ria the connection.	20 / 16 / 12 /
	different		-	e., executing program communication.	ms) on
_	he list of serv	ice-to-ports mapping	gs link in the le	cture notes, answer	the
Proto	col: this servi	r NTP (Network Time ce synchronizes the hosts on a network)?			20 / 16 / 12 / 0
b. Does 1	NTP use TCP or	UDP?	Answer:		
c. What s	service runs on	port 3724?	Answer:		
in your k	this URL http:/ browser's addre as putting in	ss bar is	(with explanation	on!):	20 / 16 / 12 / 0
b. http://c. http://d. none of	//www.w3.org:25 //www.w3.org:15 //www.w3.org:80 of the above f the above	000/			
	command netsta tput looks like		your machine jus	t to remind yoursel:	fof
				first shell, give the	
Proto Loc	cal Address	Foreign Addre	ess State		
					10 / 8 / 6 /
b. Is the no	c process you j	ust created acting a	as a client or as	a server?	10/8/6

10/8/6/0