CSC209H Worksheet: Shell Programming

	• foo=bar bar=baz		
	read foo	sh that simply asks the user what day it is, reads what ing I love <day>. where <day> is what the user enter ike this. program so that the output looks like this? Notice there is the easiest solution to this problem. If you already the move on to the next problem on this worksheet for next problem.</day></day>	
	foo:	bar:	
	• foo=bar bar=baz read \$foo		
	foo:	bar:	
	Figure this out in your head and then print you commands.) Then type the commands on the com		· · · · · · · · · · · · · · · · · · ·
2.		g I love <d< td=""><th></th></d<>	
	<pre>\$ sh whatday.sh What day is it? Wednesday < user types this I love Wednesday.</pre>		
3.	the day name this time. The videos didn't cover	the easiest so nove on to the	plution to this problem. If you already know how he next problem on this worksheet for now. Come
	\$ sh whatday.sh What day is it?		

4. Complete the table on the back of this handout by typing each expression into the bash shell. If the command produces an error, give the error message. Otherwise, show the result printed to standard output. In both cases, provide the return value. Remember that the variable \$? will hold the return value of the last command that was executed. You can type echo \$? to see this value.

<-- user types this

Wednesday

I love Wednesdays.

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Expression	Error? (Y/N)	stdout or Error message	Return value
test 3 = 4			
tree=maple test \$tree			
<pre>tree=maple test (\$tree = oak)</pre>			
test \$undefined = something			
echo yes > file1 echo no > file2 diff file1 file2			
cp file1 file3 diff file1 file3			
grep es file3			
value=3 expr value + 4			
value=3 expr \$value * 4			

- 5. Copy your whatday.sh program to the file weekday.sh and change it to respond with either the message "The weekend! Yipee!" or "Back to work: (" depending on the input from the user. Consider the input Sunday and Saturday as the only valid weekend selections.
- 6. See what happens when you run your weekday.sh program and press enter without entering a day at all. Fix your program so that when this happens, the program prints I don't know what day it is.
- 7. The same directory also has files named chapter1 and chapter-one which both contain the first chapter of Sherlock Holmes. One of them has been corrected and the time-stamps have been corrupted and so don't tell you which one was the original. Which one has the mistake and which has the correction?
- 8. In /u/mcraig/209/shell-programming/ there are files named 0 through 9, that are the same. Except that one of them is not the same. Which one? Feel free to simply solve this from the shell prompt with a solution that only works because the number of files is small. What would you need to be able to find the mismatched files from a set of 100?