CS 32, Fall 2012 Hw2: 50 total points			
Print this form, staple loose pages	s together, and	write your ans	wers on it.
Accepted: script by `turnin` before plus this paper at the be No email submission allowed.	e your lab sect eginning of you	ion on Thursday r lab section o	, October 18, n October 18.
Name (1 pt):			
Umail (1 pt):	@umail.ucsb.e	du	
Lab Section (1 pt) Circle one:	5:00	6:00	7:00
Add the following features to the leither place a check mark on the liincorporated that feature, or write	ine if you (and	your partner)	successfuly
1. (10 pts.) Add a usage directinot enter any command line argument to the operating system (`exit 1`).	ts. Also exit.	signaling 1 (er	ror value)
<pre>bash-4.2\$./listwritable usage: ./listwritable Direc bash-4.2\$ echo \$? 1</pre>	ctoryName		
By the way, use \$0 to print the scr	ript name prope	rly in the usag	e message.
#1 done: (check, or say why not))		
2. (24 pts 8 each) Add the fo	ollowing error	checks/messages	as instructed.
a. Verify the file exists. M	Match this erro	r message and e	xit code:
bash-4.2\$./listwritable no there is no directory named bash-4.2\$ echo \$? 2			
#2a. done:			
b. Verify the file is readabl	le. Match this	message and exi	t code:
<pre>bash-4.2\$./listwritable /r you do not have permission bash-4.2\$ echo \$? 3</pre>			
#2b. done:			

c. Verify the file is a directory. Match this message and exit code:
<pre>bash-4.2\$./listwritable listwritable listwritable is not a directory bash-4.2\$ echo \$? 4</pre>
#2c. done:
3. (10 pts.) Enhance the information printed when a run is successful, as in the following sample runs:
bash-4.2\$ whoami
cs32 bash-4.2\$./listwritable ~/labs items in /cs/class/cs32/labs that are writable by cs32: lab01: directory lab02: directory bash-4.2\$./listwritable / items in / that are writable by cs32: tmp: sticky directory bash-4.2\$ echo \$? 0
 Clarification/hints for problem 3: (a) Precede the list with a message that includes the full name of the directory, not the argument string, and includes the \$USER string. (b) Use the file command (`file \$1`) to print the writable file names along with their types - indented 3 spaces from the left in the list of files. (c) The default exit code is 0.
#3 done:
4. (3 pts.) Research, then answer briefly: What is a "sticky" directory?
End of Hw2
Turn-in instructions:
A. Use the turnin program to submit the listwritable script as follows:
turnin hw2@cs32 listwritable
If you worked with a partner, then just turn in one copy for both of you, and enter your partner's name on the following line:
B. Each student must turn in this completed paper at your next lab.