May 06, 19 22:35			philTest	Page 1/7
Script started or				
			ic/csci347/testa3	
			:i347/testa3\$./try ·^X/home/finkbea/347_test	233M_^0M_^V. File
exists	ace direct	ory am- em-	A/HOME/IIHKDea/34/_test	_asam- em- i: File
~/347_test_a3 exi	sts, use it	anvwav? (v/n) v^H ^Hn	
exiting	,	1 . 1	.1. , 1	
finkbea@cf405-24:			:i347/testa3\$./try	
Cloning into 'cso				
remote: Enumerati				
remote: Counting		0% (1/187) 1% (2/187)	^[[K ^[[K	
remote: Counting remote: Counting		2% (4/187)	^[[K	
remote: Counting		3% (6/187)	^[[K	
remote: Counting		4% (8/187)	^[[K	
remote: Counting		5% (10/187		
remote: Counting		6% (12/187		
remote: Counting		7% (14/187		
remote: Counting		8% (15/187		
remote: Counting remote: Counting		9% (17/187 10% (19/187		
remote: Counting		10% (13/187 11% (21/187		
remote: Counting	. 5	12% (23/187		
remote: Counting	. 5	13% (25/187		
remote: Counting		L4% (27/187		
remote: Counting		L5% (29/187		
remote: Counting	. 5	16% (30/187		
remote: Counting	. 5	17% (32/187		
remote: Counting remote: Counting		18% (34/187 19% (36/187		
remote: Counting		20% (38/187		
remote: Counting		21% (40/187		
remote: Counting		22% (42/187		
remote: Counting		23% (44/187		
remote: Counting		24% (45/187		
remote: Counting		25% (47/187		
remote: Counting remote: Counting		26% (49/187 27% (51/187		
remote: Counting		28% (53/187		
remote: Counting		29% (55/187		
remote: Counting		30% (57/187		
remote: Counting		31% (58/187		
remote: Counting		32% (60/187		
remote: Counting		33% (62/187		
remote: Counting remote: Counting		34% (64/187 35% (66/187		
remote: Counting		36% (68/187		
remote: Counting		37% (70/187		
remote: Counting	objects: 3	38% (72/187) ^[[K	
remote: Counting	objects: 3	39% (73/187) ^[[K	
remote: Counting		10% (75/187		
remote: Counting		41% (77/187		
remote: Counting		12% (79/187 13% (81/187		
remote: Counting remote: Counting		14% (83/187		
remote: Counting		45% (85/187		
remote: Counting	. 5	16% (87/187		
remote: Counting	objects: 4	47% (88/187) ^[[K	
remote: Counting		18% (90/187		
remote: Counting		19% (92/187		
remote: Counting		50% (94/187		
remote: Counting remote: Counting		51% (96/187 52% (98/187		
remote: Counting		53% (100/18		
remote: Counting		54% (101/18		
remote: Counting		55% (103/18		
remote: Counting	objects: 5	56% (105/18		
remote: Counting		57% (107/18		
remote: Counting	objects: 5	58% (109/18	7) ^[[K	

May 06, 19 22:35	philTest	Page 2/7
remote: Counting objects: 59	% (111/187) ^[[K	
remote: Counting objects: 60		
remote: Counting objects: 61		
remote: Counting objects: 62		
remote: Counting objects: 639 remote: Counting objects: 649		
remote: Counting objects: 65		
remote: Counting objects: 66		
remote: Counting objects: 67		
remote: Counting objects: 68		
remote: Counting objects: 69		
remote: Counting objects: 709 remote: Counting objects: 719		
remote: Counting objects: 729		
remote: Counting objects: 73		
remote: Counting objects: 74		
remote: Counting objects: 75		
remote: Counting objects: 76		
remote: Counting objects: 779 remote: Counting objects: 789		
remote: Counting objects: 789 remote: Counting objects: 799		
remote: Counting objects: 80		
remote: Counting objects: 81	% (152/187) ^[[K	
remote: Counting objects: 82		
remote: Counting objects: 83		
remote: Counting objects: 84 remote: Counting objects: 85		
remote: Counting objects: 859 remote: Counting objects: 869		
remote: Counting objects: 87		
remote: Counting objects: 88	% (165/187) ^[[K	
remote: Counting objects: 89		
remote: Counting objects: 90		
remote: Counting objects: 919 remote: Counting objects: 929		
remote: Counting objects: 929 remote: Counting objects: 939		
remote: Counting objects: 94		
	% (178/187) ^[[K	
	% (180/187) ^[[K	
	% (182/187) ^[[K	
	% (184/187) ^[[K % (186/187) ^[[K	
remote: Counting objects: 100		
remote: Counting objects: 100		
remote: Compressing objects:	0% (1/119) ^[[K	
remote: Compressing objects:	1% (2/119) ^[[K	
remote: Compressing objects: remote: Compressing objects:	2% (3/119) ^[[K 3% (4/119) ^[[K	
remote: Compressing objects:	4% (5/119) ^[[K	
remote: Compressing objects:	5% (6/119) ^[[K	
remote: Compressing objects:	6% (8/119) ^[[K	
remote: Compressing objects:	7% (9/119) ^[[K	
remote: Compressing objects: remote: Compressing objects:	8% (10/119) ^[[K 9% (11/119) ^[[K	
remote: Compressing objects:	10% (12/119) ^[[K	
remote: Compressing objects:	11% (14/119) ^[[K	
remote: Compressing objects:	12% (15/119) ^[[K	
remote: Compressing objects:	13% (16/119) ^[[K	
remote: Compressing objects: remote: Compressing objects:	14% (17/119) ^[[K 15% (18/119) ^[[K	
remote: Compressing objects: remote: Compressing objects:	16% (20/119)	
remote: Compressing objects:	17% (21/119) ^[[K	
remote: Compressing objects:	18% (22/119) ^[[K	
remote: Compressing objects:	19% (23/119) ^[[K	
remote: Compressing objects:	20% (24/119) ^[[K	
remote: Compressing objects: remote: Compressing objects:	21% (25/119) ^[[K 22% (27/119) ^[[K	
remote: Compressing objects:	23% (28/119) ^[[K	
remote: Compressing objects:	24% (29/119) ^[[K	
remote: Compressing objects:	25% (30/119) ^[[K	

May 06, 19 22:35		phil	Test	Page 3/7
remote: Compressing obj	jects: 26%	(31/119)	^[[K	
remote: Compressing ob	jects: 27%	(33/119)	^[[K	
remote: Compressing ob		(34/119)	^[[K	
remote: Compressing ob		(35/119)	^[[K	
remote: Compressing ob		(36/119)	^ [[K	
remote: Compressing ob		(37/119)	^[[K	
remote: Compressing ob		(39/119)	^ [[K	
remote: Compressing ob		(40/119)	^[[K	
remote: Compressing ob remote: Compressing ob		(41/119) (42/119)	^[[K ^[[K	
remote: Compressing ob		(43/119)	^[[K	
remote: Compressing ob		(45/119)	^[[K	
remote: Compressing obj		(46/119)	^ [[K	
remote: Compressing ob		(47/119)	^[[K	
remote: Compressing ob		(48/119)	^[[K	
remote: Compressing ob	jects: 41%	(49/119)	^[[K	
remote: Compressing ob	jects: 42%	(50/119)	^[[K	
remote: Compressing ob		(52/119)	^[[K	
remote: Compressing ob		(53/119)	^ [[K	
remote: Compressing ob		(54/119)	^[[K	
remote: Compressing ob		(55/119)	^[[K	
remote: Compressing ob		(56/119)	^[[K	
remote: Compressing ob		(58/119)	^[[K ^[[K	
remote: Compressing obj		(59/119) (60/119)	^[[K	
remote: Compressing ob		(61/119)	^[[K	
remote: Compressing obj		(62/119)	^[[K	
remote: Compressing obj		(64/119)	^[[K	
remote: Compressing ob		(65/119)	^[[K	
remote: Compressing ob		(66/119)	^[[K	
remote: Compressing ob	jects: 56%	(67/119)	^[[K	
remote: Compressing ob	jects: 57%	(68/119)	^[[K	
remote: Compressing ob		(70/119)	^[[K	
remote: Compressing ob		(71/119)	^[[K	
remote: Compressing ob		(72/119)	^ [[K	
remote: Compressing ob		(73/119)	^[[K	
remote: Compressing ob		(74/119)	^[[K	
remote: Compressing ob		(75/119)	^[[K	
remote: Compressing obj		(77/119) (78/119)	^[[K ^[[K	
remote: Compressing ob		(79/119)	^[[K	
remote: Compressing obj		(80/119)	^[[K	
remote: Compressing ob		(81/119)	^[[K	
remote: Compressing ob		(83/119)	^[[K	
remote: Compressing ob		(84/119)	^[[K	
remote: Compressing ob		(85/119)	^[[K	
remote: Compressing ob		(86/119)	^[[K	
remote: Compressing ob		(87/119)	^ [[K	
remote: Compressing ob		(89/119)	^[[K	
remote: Compressing ob		(90/119)	^ [[K	
remote: Compressing ob		(91/119)	^[[K	
remote: Compressing ob		(92/119)	^[[K ^[[K	
remote: Compressing obj		(93/119) (95/119)	^[[K	
remote: Compressing obj		(96/119)	^[[K	
remote: Compressing obj		(97/119)	^[[K	
remote: Compressing ob		(98/119)	^[[K	
remote: Compressing ob		(99/119)	^[[K	
remote: Compressing ob		(100/119)	^[[K	
remote: Compressing ob		(102/119)	^[[K	
remote: Compressing ob	jects: 86%	(103/119)	^[[K	
remote: Compressing ob	jects: 87%	(104/119)	^[[K	
remote: Compressing ob	jects: 88%	(105/119)	^[[K	
remote: Compressing ob		(106/119)	^[[K	
remote: Compressing ob;		(108/119)	^ [[K	
	iaa+a, 010.	(109/119)	^[[K	
remote: Compressing ob				
remote: Compressing ob	jects: 92%	(110/119)	^[[K	
	jects: 92% jects: 93%			

May 06, 19 22:35		philTest	Page 4/7
remote: Compressing	objects: 95%	(114/119) ^[[K	
remote: Compressing		(115/119) ^[[K	
remote: Compressing	objects: 97%	(116/119) ^[[K	
remote: Compressing		(117/119) ^[[K	
remote: Compressing		(118/119) ^[[K	
remote: Compressing		(119/119) ^[[K	
		(119/119), done.^[[K	
Receiving objects: Receiving objects:	0% (1/187) 1% (2/187)		
Receiving objects:	2% (4/187)		
Receiving objects:	3% (6/187)		
Receiving objects:	4% (8/187)		
Receiving objects:	5% (10/187)		
Receiving objects:	6% (12/187)		
Receiving objects:	7% (14/187)		
Receiving objects:	8% (15/187) 9% (17/187)		
Receiving objects: Receiving objects:	10% (19/187)		
Receiving objects:	11% (21/187)		
Receiving objects:	12% (23/187)		
Receiving objects:	13% (25/187)		
Receiving objects:	14% (27/187)		
Receiving objects:	15% (29/187)		
Receiving objects:	16% (30/187)		
Receiving objects:	17% (32/187) 18% (34/187)		
Receiving objects: Receiving objects:	19% (36/187)		
Receiving objects:	20% (38/187)		
Receiving objects:	21% (40/187)		
Receiving objects:	22% (42/187)		
Receiving objects:	23% (44/187)		
Receiving objects:	24% (45/187)		
Receiving objects:	25% (47/187) 26% (49/187)		
Receiving objects: Receiving objects:	26% (49/187) 27% (51/187)		
Receiving objects:	28% (53/187)		
Receiving objects:	29% (55/187)		
Receiving objects:	30% (57/187)		
Receiving objects:	31% (58/187)		
Receiving objects:	32% (60/187)		
Receiving objects: Receiving objects:	33% (62/187) 34% (64/187)		
Receiving objects:	35% (66/187)		
Receiving objects:	36% (68/187)		
Receiving objects:	37% (70/187)		
Receiving objects:	38% (72/187)		
Receiving objects:	39% (73/187)		
Receiving objects:	40% (75/187)		
Receiving objects:	41% (77/187) 42% (79/187)		
Receiving objects: Receiving objects:	43% (81/187)		
Receiving objects:	44% (83/187)		
Receiving objects:	45% (85/187)		
Receiving objects:	46% (87/187)		
Receiving objects:	47% (88/187)		
Receiving objects:	48% (90/187)		
Receiving objects: Receiving objects:	49% (92/187) 50% (94/187)		
Receiving objects:	51% (96/187)		
Receiving objects:	52% (98/187)		
Receiving objects:	53% (100/187)		
Receiving objects:	54% (101/187)		
		sed 121 (delta 59)^[[K	
Receiving objects:	55% (103/187) 56% (105/187)		
Receiving objects: Receiving objects:	56% (105/187) 57% (107/187)		
Receiving objects:	58% (107/187)		
Receiving objects:	59% (111/187)		
Receiving objects:	60% (113/187)		

May 06, 19 22:35		philTest	Page 5/7
Receiving objects:	61% (115/187)		
Receiving objects:	62% (116/187)		
Receiving objects:	63% (118/187)		
Receiving objects:	64% (120/187)		
Receiving objects:	65% (122/187)		
Receiving objects: Receiving objects:	66% (124/187) 67% (126/187)		
Receiving objects:	68% (128/187)		
Receiving objects:	69% (130/187)		
Receiving objects:	70% (131/187)		
Receiving objects:	71% (133/187)		
Receiving objects:	72% (135/187)		
Receiving objects:	73% (137/187)		
Receiving objects:	74% (139/187)		
Receiving objects:	75% (141/187)		
Receiving objects:	76% (143/187)		
Receiving objects:	77% (144/187)		
Receiving objects:	78% (146/187)		
Receiving objects:	79% (148/187)		
Receiving objects:	80% (150/187)		
Receiving objects:	81% (152/187)		
Receiving objects:	82% (154/187)		
Receiving objects:	83% (156/187)		
Receiving objects: Receiving objects:	84% (158/187) 85% (159/187)		
Receiving objects:	86% (161/187)		
Receiving objects:	87% (163/187)		
Receiving objects:	88% (165/187)		
Receiving objects:	89% (167/187)		
Receiving objects:	90% (169/187)		
Receiving objects:	91% (171/187)		
Receiving objects:	92% (173/187)		
Receiving objects:	93% (174/187)		
Receiving objects:	94% (176/187)		
Receiving objects:	95% (178/187)		
Receiving objects:	96% (180/187)		
Receiving objects:	97% (182/187)		
Receiving objects:	98% (184/187)		
Receiving objects: Receiving objects:	99% (186/187)		
		157.44 KiB 0 bytes/s, done.	
Resolving deltas:	0% (0/98)	137.44 KIB 0 Dyces/s, done.	
Resolving deltas:	6% (6/98)		
Resolving deltas:	13% (13/98)		
Resolving deltas:	26% (26/98)		
Resolving deltas:	32% (32/98)		
Resolving deltas:	34% (34/98)		
Resolving deltas:	36% (36/98)		
Resolving deltas:	37% (37/98)		
Resolving deltas:	61% (60/98)		
Resolving deltas:	65% (64/98)		
Resolving deltas:	68% (67/98)		
Resolving deltas:	83% (82/98)		
Resolving deltas:	92% (91/98)		
Resolving deltas:	93% (92/98)		
Resolving deltas:	96% (95/98)		
Resolving deltas: 1 Resolving deltas: 1		2	
Checking connective		·	
		any file(s) known to git.	
Grading master bran		ing fire(s) known to git.	
Making REF			
gcc -c -o expand.o	expand.c -q -Wall	1	
gcc -c -o builtin.			
gcc -g -Wall -o us			
, , 5 4.			
run tests? y			
Running ush a			

May 06, 19 22:35 philTest Page 6/7
Files REF and OUT differ Script output different! Diffs:
REF 2019-05-06 22:35:30.209650000 -0700 +++ OUT 2019-05-06 22:35:31.613324000 -0700 @@ -1,5 +1,5 @@
-This test script is run with 1 args, script is ./ush, should be interactive. +This test script is run with 0 args, script is ./ush, should be interactive. Testing args! Script name is /home/phil/public/csci347/testa3/scr1. There are 4 number of parameters. @@ -32,25 +32,18 @@ Argument 13 is 'This_is_thirteen!'.
Testing Wildcards and sstat
-labc 2acc 3.h 3adc 4a?c a.c aaaaaaa.c b.c cc d.cc e.b f.q -d.cc
+ labc 2acc 3.h 3adc 4a?c a.c aaaaaaa.c b.c cc d.cc e.b f.q + c d.cc a*
-*a -labc 2acc 3adc 4a?c a.c aaaaaaa.c b.c cc d.cc -cc -3.h
-aaaaaaa.c +a
+labc 2acc 3adc 4a?c a.c aaaaaaa.c b.c c cc d.cc +c cc +3.h h +aaaaaaa.c c
*.c -4a?c
-a.c aaaaaaa.c +4a?c c
+a.c aaaaaaa.c c Now for sstat
-d.cc finkbea grp.csci.Students -rwwx 1 0 Sun May 1 00:00:00 2005 -f.q finkbea grp.csci.Students -rwwx 1 0 Sun May 1 00:00:00 2005 -/home/phil/zzz.file 333 333 -rwx 1 0 Mon Oct 31 15:46:23 2011 -a.c finkbea grp.csci.Students -rwwx 1 0 Sun May 1 00:00:00 2005 -b.c finkbea grp.csci.Students -rwwx 1 0 Sun May 1 00:00:00 2005 -d.cc finkbea grp.csci.Students -rwwx 1 0 Sun May 1 00:00:00 2005 -End testing Wildcards and sstat Done with regular tests
See Out file? y Out is:
This test script is run with 0 args, script is ./ush, should be interactive. Testing args! Script name is /home/phil/public/csci347/testa3/scr1. There are 4 number of parameters. Dollar 1 is 'with', 2 is 'some'. '/home/phil/public/csci347/testa3/scr1' is the script name. Testing args! Script name is /home/phil/public/csci347/testa3/scr1.
There are 2 number of parameters. Dollar 1 is 'with_one_arg', 2 is ''. '/home/phil/public/csci347/testa3/scr1' is the script name.
Testing shift Script name is /home/phil/public/csci347/testa3/scr2. There are 11 number of parameters. Dollar 1-4 is arg1, arg2, arg3, and arg4. Shifting 1
There are 10 number of parameters. Dollar 1-4 is arg2, arg3, arg4, and arg5.

```
philTest
 May 06, 19 22:35
                                                                        Page 7/7
Shifting 2
There are 8 number of parameters.
Dollar 1-4 is arg4, arg5, arg6, and arg7.
Shifting 4
There are 4 number of parameters.
There are 5 number of parameters.
Dollar 1-2 is arg7 and arg8.
There are 7 number of parameters.
Dollar 1-4 is arg5, arg6, arg7, and arg8.
There are 11 number of parameters.
Dollar 1-4 is arg1, arg2, arg3, and arg4.
There are 21 arguments.
Argument 13 is 'This_is_thirteen!'.
Testing Wildcards and sstat ...
labc 2acc 3.h 3adc 4a?c a.c aaaaaaa.c b.c c..c d.cc e.b f.q
c d.cc
a*
labc 2acc 3adc 4a?c a.c aaaaaaa.c b.c c c..c d.cc
c c..c
3.h h
aaaaaaa.c c
*.c
4a?c c
a.c aaaaaaa.c c
Now for sstat
Done with regular tests
Exit values correct
---- ERRS ----
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
Run error tests? v
Testing errors with /home/phil/public/csci347/testa3/ush.err and 5 arguments (sh
ould be 5)
Initial arguments are arg1, arg2, arg3, and arg4.
Doing a shift of 4 (no error)
We now have 1 argument, arg1 is ''.
Doing a shift of 4 and 1 (should be errors)
Now doing 'unshift 5' (should be an error)
Cannot shift more than the number of arguments
Did an unshift ... number of args is 5, should be 5.
Testing sstat errors
End of error tests
Look at checked out files? n
Clean? n
finkbea@cf405-24:/home/phil/public/csci347/testa3$ exit
Script done on Mon 06 May 2019 10:35:43 PM PDT
```