Course	Softwa	re Testin	ng: Assig	gnment 6 S	SAMPLE	SOLUT	ION								
			-	to width, na				break w	ithin tabl	les. Subr	nit PDF t	o Gra	descope.		
							, ,								
1.	For whi	ch of the	conditio	ns do you h	nave to c	reate ad	ditional to	est cases	s to obta	ain 100%	Basic C	onditio	on coveraç	ge?	
	nal test c														
Conditi					I.										
Conditi	on 5														
Conditi															
Justific	ation:														
		and 6 ha	ve or sta	tements be	tween e	ach cond	lition. so	if first co	ndition i	is true. th	e progra	m doe	es not che	ck	
out the	other one	es. Let's	take for	example Co	ondition	5, i f ((a	== 0)	(b == 0)	(c=	= 0) ((c□a)==	= b))	{ if the fire	st	
stateme	ent (a==0)) is true,	the othe	er statemen	ts won't	be tested	i								
2.	Logical	and con	crata tas	t case to re	ach 100	% hasic (condition	COVERSO	e for:						
Conditi		and com	CIELE LES		acii 100	70 Dasic (Contaition	Coveraç	je 101.						
Conditi	011 4														
Logical	toot ooo	00 (" " = '	"Don't oo	re" symbol	Tetruo	E=foloo\									
-						r-iaise)									
		•		ected outpu											
				mic condition		e tested (expressi	ons							
(use no		T .	1	input parai	neters).										
TO4	1	b < 0	c < 0	(c-1) > b											
TC1	TRUE	-	-	-		-									
TC2	FALSE		-	-											
TC3	+		TRUE												
TC4	+		FALSE	ł											
TC5	FALSE	FALSE	FALSE	FALSE		-									
			•	t cases con											
				not feasible			removed	i.							
Write d	own belo	w the rer	maining I	ogical test	that are	feasible:									
	a < 0	b < 0	c < 0	(c-1) > b	Replace	e condition	ns as ne	eeded)							
TC4	FALSE	FALSE	FALSE	TRUE											
TC5	FALSE	FALSE	FALSE	FALSE											
Now, tu	ırn your k	ogical tes	st case ir	nto concrete	e test ca	ses:									

/4l=! · · · ·			1	. 41 1 - 1							
(this tin			1	r tne input	parameters)						
	а	b	С								
TC4	1	2	4								
TC5	1	2	3								
3.	Logical	toot oog	oo to bo	added to e	ndition from 2	to achieve	minimal	multiple	condition cove	rago	
						. to acriteve	IIIIIIIIII	munipie	condition cove	rage	
				ot graded)	: 						
ICs to	cover ato		1								
	a < 0	b < 0	c < 0	(c-1) > b							
TC4	a >= 0	a >= 0	c >= 0								
TC5											
TCs to	cover co	mposed	parts:								
				> b (c - 1	1) > b)						
TCn	(4			3 11 (3	, ,						
TCn+1											
101111											
Need to	o add furf	her logic	al test ca	ises in con	nparison to 2.:	No					
If yes,	further lo	gical TCs	to be ac	lded:							