Home Work #1

CS 589 ARPITA GOWDA (A 20310029)

09-18-2013

Publem #1	Equivalence p	artition testing	# B Chin
	10, 100, 200	- PAS	V /23
⇒	Input Candilians	Valid and Inva	lid subolomains.
	LIVAC P SI C		
	Input Condition	Valid Subdonain	Invalid Subdom
	Size of Last Name	1 - 20(1)	4 (EO (2) ( P C)
	0 0		>20(3)
	Suc 63606	≤ 23 ≥ 10	(25) 2,3,4
	Person Age Limit	18 > Age ≤ 120(4).	<18 (5)
sawing letter	Person Age Limit	≤ 23 < 10	>12(6)
		1 6-2	211 120
son lango	Car Type	Sedan (7)	Empty Value (11) Evelything else (1
		Mini-Van (8)	Evelything USE(1
wing letter	Jue \$200 2 W	Truck (9)	(28) 2,3,4
		SUV (10)	
sawij lither	Jac \$180 8	915 185	(29) 2, 3, 4
	# J Claims	0 ≥ cleurs < 12 (13)	>12 (14)
	# J Claims		5 (5)
	carage	1> cage < 120(15)	(5 (6)
	0	0	>120 (17)
	Testina	Normal Equivalence	diona
			0
	Other Condition	e Person Ara Con To kno	est case # Last Nam
18	8 1	28 Sedan	2 Smith
	# O Claims Pero	on Age ( Car Age Outher	+

	# O Clevins	Person Age Co	ur Aax /	Output	
(18)	1	>24	410	Inc \$50	8 no letter sent
	1	>24 mol m>			& no letter sent
(20)	0	€ 23 N	410	Inc \$75	& no letter sent
(21)	08	£ 23 30 2	10	Inc \$67.5	2 no letter sent

Home Work #1

CS 589

202-01-10		1 (A 203100	ARPITA GOWDA
# E) Clain	2 Person Age	Car As	Luc \$35 2 no Cetters
(22) O Claim	≥ 24	< 10	Luc \$35 2 no letters
lid Bulodomains.	MANTE NOVEM NO	1000	chave which
mehdre bilound	> 24	>10	Inc \$31.5 & no letter
	id Subdaning	ma Val	Toput Candilia
(24) 2,3,4	< 233 -	1 <10 3m	Inc\$400 & warning let
(25) 2,3,4	≤ 23	>10	Inc \$360 & warning lett
(2) 812	> Age = 120(2)	81 ti	Inc \$360 & warning lett
(24)	≤ 23	< 10	Inc \$180 & warning lette
(11) (27) 2113	≤ 23 mol	210	Inc \$135 & warning let
1 Evelything close (	ni-Van (8)	Nu	
(28) 2, 3, 4	≥24	1<108	Inc \$200 & waln'y letter
	(0D V	12	
(29) 2, 3, 4	224	>10	Inc \$180 & waining lette
(4)	> louines = 12 (13)	0	H O Claims
(30) > 5			Policy is canalled
(3) (0)	1 age = 120(15)		- Carry
>120(17)	11 1		4

Strong Normal Equivalence Testing.

Test Case #	Last Name	Person	Age	Con Type	#0) Clerins	CarAge	Subdom
Test Case #	Smith	Person 28	0	Sedan	#0) Clerins	8	18
	to	Coute	Day	on Age Cas	ma : Per	# of class	
2 490,00	Smith	25	9.01	Sedan	< 1	12	19)
the St	Snith	2 2	0	Mini Van	0	7	20
the spit	Smith ?	20	0	Mini Van	0	14	21
tro utte	Kuppens	26	0	Truck &	0.0	30	22

0.						
Test Case #	Lest Name	Person Age	CarType	#o) Claims	CarAge	Juldomai
6	Kuppens	28	Truck	0	13	23
Sublami	o Carty	e 1 th S Clein	E Castup	Person As	east Name	est Cose# 1
75.	Kuppens	22	800	2	2	24.
88	Kuppars	19	300	3	2	24 9
92	Kuppens	21	SUV	4	2	24 8
10	Johnson	18	Sidem	P2	14	25
11	Johnson	21	Seden	3	18 00	25 -2
12	Johnson	22	Seden	245	20	25
13	Lee	22	Mini-Van	RS	8 1/10	26
1431	Lee	19	Mini-Van	Ps.	14	27 8
1561	Lee	27	Truck	20	5	28
16	Lee	29	Truk	3	3	28
17	Lee	32	Sidem	ary Hale	002000	28#molder
(4/18)John	Bayer	02101-2	Mini-Van	n Slen	10000	21
11	Bayer	30	Truck	3	20	29
20	Bayer	34	Jeden	4	15	29
21	Bayer	25	Seden	sof mer	4	30
	0					1

Weak Robust Equivalence Testing

6.10	17	Ta				
Test Case #	Kerst Name	Person Age	CarTuke	# 1) Cleins	(autre	Suble
1		18	Sedem	3	.14	2
2	CLIZABEPH HARLEYMADDISON	20	Mini-Van	4	15	3
3	Smith	15	Tuck	2	10	5
4	Smith	129	Tuck	5 .	_15	6
5	kee	24		2	. n	)(
<b>L</b>	Ree	23	Train	3	12	12
7	Kuppens	25	Truck	& D	30	14.
8	Kuppens	25	Mini-Van	O	0,,	16
9	Eufhens	21	SUV	0	122	17

Problem#2 Boundary Value Testing.

Bersed on Scientified sub-domains is Robbens

- 1 Boundary-Value Analysis Test Cases
- 2. Robustness jest cases.



## Boundary-Valve Snalysis Test cases

Test Case #	Lest Name	Person Age	Can Type	#D Clains	CasAge	Sund
1	Α	23	Mini-Van	2	2.	(1) (1)
2	АМ	18	Seclan	0	2	(1)(4)(1
3	ELEZABETH HARLEYMALIN	19	Sedan	1	1	c)4yu
.4	ELIZAGE TH HARLEY <b>MU</b> ALI	11.9	Tuck	11	119	(1)(4)(1
5	snish	120	SUV	12	120	(4)(13
6.	Smith	20	SUV	2	3	(4)(13
7.	Kuppens	118, _	Mini-Van	10	118	(4)(13
8.	Lee	2°	Mini-Van	2	10	(1)(4)
9.	ELIZABETH HARLEYMAD	23	Tuck	4	4	(1)

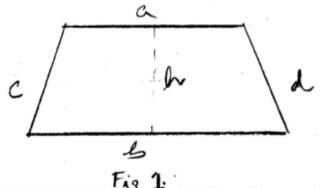
## Robust Ness Test Cases

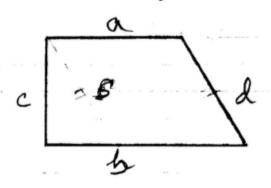
Test Cose#	Last Name	Peyon Ace	Car Tibe	#D Caim	Cas Ace	Lubs
I	-	18	Sedan		ı	(2)
	ELIZABETH HARLEYMALLEE	21	Seden	2	1	(3)

Test Case #	Last Name	Person Ase	CarTyke	HO Cains	Car Age	Subdo
. 3	Smith	17	Mine Van	0	3′	(5)
4	8mih	121	Truck	2	10	(6)
5	Lee	23	SUV	13	15	(14)
6	Lee	28	3.00	ю	$\wp$	(10
7	lathers	120	Sidan	2	124	(17)

Problem#3 Decision-Table based Testing

=> For Reference he following diagrams





											a tan
	×		_						<b>-</b>		A7: Impossible
	-		-		-	×	×	×	×	×	A6: Invalid Infut
	-	-	-		×	_		_	_	_	45: Not hapezoid
	-	-	×	-			_	_	_	_	AL: Scalure trepezoid
	├	-	-	×	_	_		_			A3: isosceles tepupoid
	-	×	-	-	ـ	<u> </u>	_	<u> </u>	_	-	A2: Right Tusperoid
	×			DTA MATTER		_	_	_	_	_	Al: Trapezoid
	7 7	-		ᅴ	H	_		_			C12: 1,2 >0**
		1	1		401	_		_	L		C11: 5= c2+(b-a)2
	F	-	7	1-1	<u></u>	_	_	_	_	_	CIO: dta
	7 -	1-1	1	1-1	_	_			_		C9: 6 # d
	77	1	1	1	<u> </u>		<u></u>				C8: C + a
	7	-	4	1	<u>L</u>	<u>_</u>		_	_		C7: C # 6
	7	-	1=1	TI	_				_		C6: C + d
	7	-	1	-1	-1	n		_	_		cs: 6#a
	7	-1	-1	1-1	-		T		_	<u> </u>	C4: 02d 51000
	1	-1	1	-1	-1			TI			C3: 0 < C < 1000
	-1	-1	1	1	1				T		C2: 0 & 6 & 1000
	7	1	1	1	-					77	E1:02951000
The state of the s											

Test Cases

Test Case#	a	6		·d	Rule
TI	1520	72	25	27	RI
T2	52	0	25	27	R2
Т3	52	72	1350	27	R3
74	52	72	25	1270	R4
T5	52	52	25	27	R5
Т6		2		2	R6
T7	52	72	25	25	R7
T8	52	72	25	27	Ro
T9	<b>%</b> 5-	9	3	5	Rq
T 10	8	12	1/	٩	RIO
TIL	52	52	22	26	RII