Regno: 19BC80012
Course: Software Quality
Assurance!
Testing:
Course : CSC10/14.

PROBLEM SOLVING -1

Number of charachests in the string is a Routition.
eg. between 1 and 50 characters is the valid
Partition with valid boundaries of 1.8 50.
The invalid boundaries would be Ochoracters
Chuil, just hit the Return key)

Boundary Volu Analysis:

24-10-10 12 25 26. 49 50 51 99 2 min 2 min 1 nominal xmax by x mount

nominal $\rightarrow 24,26$ α -min $\rightarrow 2+25$ x-most $\rightarrow 26-49$

Lht 1

Robustness

 $\rightarrow 40 + 1$ $\rightarrow 4(50) + 1 \Rightarrow 2001$ worst case $\rightarrow 5(h)^2$ $\rightarrow 5(50)^2 \Rightarrow 12,500$ Boundary - Value analysis:

testing technique in which tests are designed to include representatives of boundary values in a range.

• BUA is another black box test design technique & it is used to find errors at boundaries of input domain rather than finding those errors in the center of ilp.

(20 accepted 5 not accepted)

Test case Scenario	Test case	Test care
	51 (7 man, x masc +)	System not accept.
2	The second of th	system not accept
8	71 (x max, x max+)	system not accept
4,1	81 (x max) (- max)	system not accept
5	91 (x max, x max+)	system not accept
6	-52 (x min, x min)	system not accept
+	-62 (20 min-, 21 min)	System not accept
8	-13 (2 min-, 2 min)	System not eccep
9	-83 (x min-, x min)	system not accep
10.0	-93 (x min-, x min)	system not accept
11-7	25 (scmin, nom')	system accept
12	26 (x mom, x max)	System accep
13	5 (xmin, 200)	system accep
M	12 (x min x mon)	system accep
15	19 (2 min, pom), nom)	System acced

	-		L. Line brush
	Scenario	Test core input	Test cours
1	16	-42 (2 min-, 2 min)	System not accepted
	17	56 (x max, x max+)	system not accepted
1	18	72 (2 max, 2 max +)	system not accepted
1	19	80 (xmax, amout)	system not accepted
-	20	91 (or max, emax+)	Aston not a coopled
	21	63 (se more) Demoses)	system not accepted
1	22	-1 (x min, 2 min-)	system not accord
	23	74 (x max, sc mais)	system not accept
	24	58 Ce mose, a moset)	System not accept
1	25	-9 (2 min, 2(min-)	system not account
		Manda in a finisher	10 Ge)
1		(20 accepted, 5 not excepte	ed)
10	estcan	Test care	Test care
1	Seenoulo	12 (x min, nom)	system accepted
1	9	25 Camin' nom)	System accepted
197	3	26 (nom, x masu)	System accepted
10	4	42 (nom, oc max)	System accepted
02	5	36 (x max, nom)	System accopted
	6	23 (x min+, nom)	System accepted
+	7	(x mint, nom)	ystem accepted
-	0	12 (Scmint, nom)	System accepted
1	(0	50 (x max x nom)	system accepted
1	0	41 (x max, xmax)	system accepted
F	10	32 (of mart, of mare)	system accepted
0	13	21 (or mint 100m)	System acrepted
1	164	16 (dmint, nom)	spen a Cupter
1	15	19 (2 mint, nom)	system accepted
9/2	16		
16	9	33 (semint, nom)	System accepted

Tool cook	Test carl	Cest cost
8)	-42 (or min-, x roll)	System not accept
19	56 (x mon, se mox+)	System not accepted
20	72 (x max, x max +)	system not accepted
21	80 (2 max, 2 max+)	System not accepted
22	91 (2 mony or musca)	System not accept
23	63 Or man, namet)	System not accept
24	-1 (ol min, 2 min)	Jystem not accept
25	74 (x main, x max +)	System not accept