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SE 433

Assignment 7: White Box Testing

#1a. T1 = [1,2]

T2 = [ ]

#1b. T1 = [1,2]

T2 = [ ]

T3 = [2, 1]

#2a.

		A	B	C		
ID	**INPUT**	**n < max_size**	**c = getc(yyin) != EOF**	**C != '\n'**	**Result**	
T1	n = 5, c = 'X'	TRUE	TRUE	TRUE	TRUE	
T2	n = 5, c = '\n'	TRUE	TRUE	FALSE	FALSE	
T3	n = 5, c = '\0'(EOF)	TRUE	FALSE	TRUE	FALSE	
T4	n = 11, c = 'X'	FALSE	TRUE	TRUE	FALSE	
T5	n = 11, c = '\n'	FALSE	TRUE	FALSE	FALSE	
T6	n = 11, c = '\0'(EOF)	FALSE	FALSE	TRUE	FALSE	
	#2b.	A: T1, T4	B: T1, T3	C: T1, T2		

#3a.

ID	**INPUT**	**ROOM***	**OPEN**	**CLOSE**	**BAR**	**RESULT**
T1	VAR = 1, PA[POS]='A'	TRUE	FALSE	FALSE	FALSE	FALSE
T2	VAR = 1, PA[POS]='{'	TRUE	TRUE	FALSE	FALSE	TRUE
T3	VAR = 1 ,PA[POS] = "}"	TRUE	FALSE	TRUE	FALSE	TRUE
T4	VAR = 1, PA[POS] = '|'	TRUE	FALSE	FALSE	TRUE	TRUE
T5	VAR = 5, PA[POS] = 'A'	FALSE	FALSE	FALSE	FALSE	FALSE
T6	VAR = 5, PA[POS] = '{'	FALSE	TRUE	FALSE	FALSE	FALSE
T7	VAR = 5 ,PA[POS] = "}"	FALSE	FALSE	TRUE	FALSE	FALSE
T8	VAR = 5, PA[POS] = '|'	FALSE	FALSE	FALSE	TRUE	FALSE
#3b.	Room = T2 and T6	Open = T2 and T1	Close = T3 and T1	Bar = T4 and T1	
	Room = T3 and T7				
	Room = T4 and T8				