HONOR CODE STATEMENT (Please include this in your submitted file)
I truthfully declare that the work submitted for this midterm exam is solely my work and was not created in collaboration with anyone else in the class or elsewhere.

PUT YOUR NAME HERE : Shilp Patel

1. Right most derivation:

2. S: A Colon List

list: a list | A List | E

Term: Num

NonTerm: String

Parse Tree.

S= Stort

a = terminals

A = Nonterminals

3.

```
5)

A. left

B. Right

C. #

D. neither
```

Dineither left nor right recorgive

Pourse Tree:

A # B # C \$ A \$ 13

Yield: ((A#B)#()\$ (A\$B)

7)

Stack	Input		Action.
0	(())\$		52
0(2	()) \$		SZ
0(2(2	P CC		. 55
0(2(2)5	2 \$		R2
0(2×3) B		pop a push
0(2×3) 91		54
O(2x3)4	\$		RI
OxI	#		Pop a push
0 × 1	\$	1000	Accept
			ight wast
		De	eivation:
		د	c
		=(2)	
()		= (x)(x)	

Handle Sample B -> (B) B B -> (B)B (B) B-76 B-0(8)8 (B(B)) 8-2(8)3 C(B)(B)B) (CB)(B)) 34-8 ((B)()) B -> 8 CL)()) Base Simple phorie : E martle: cris