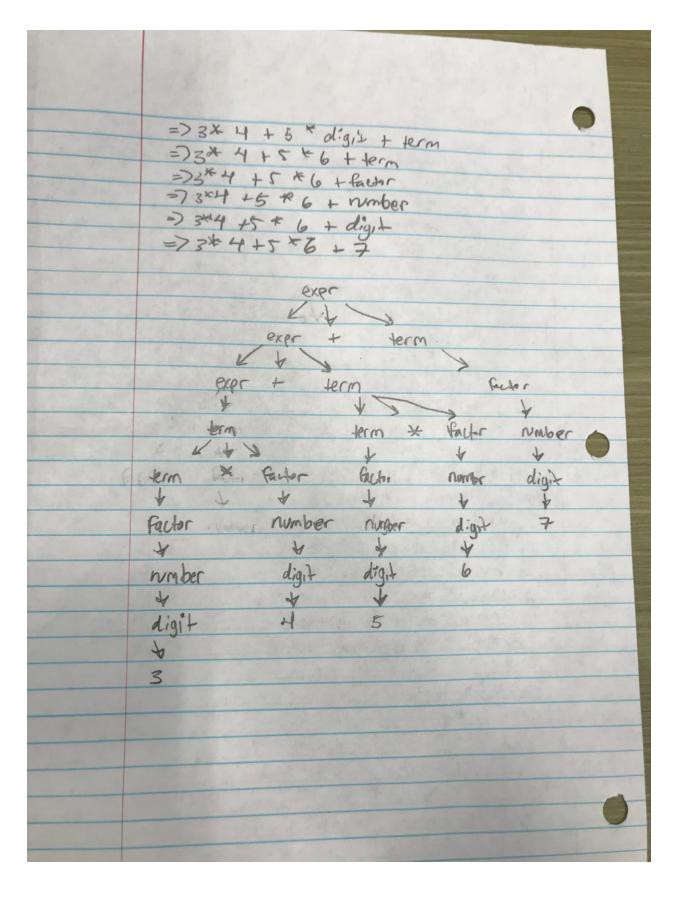
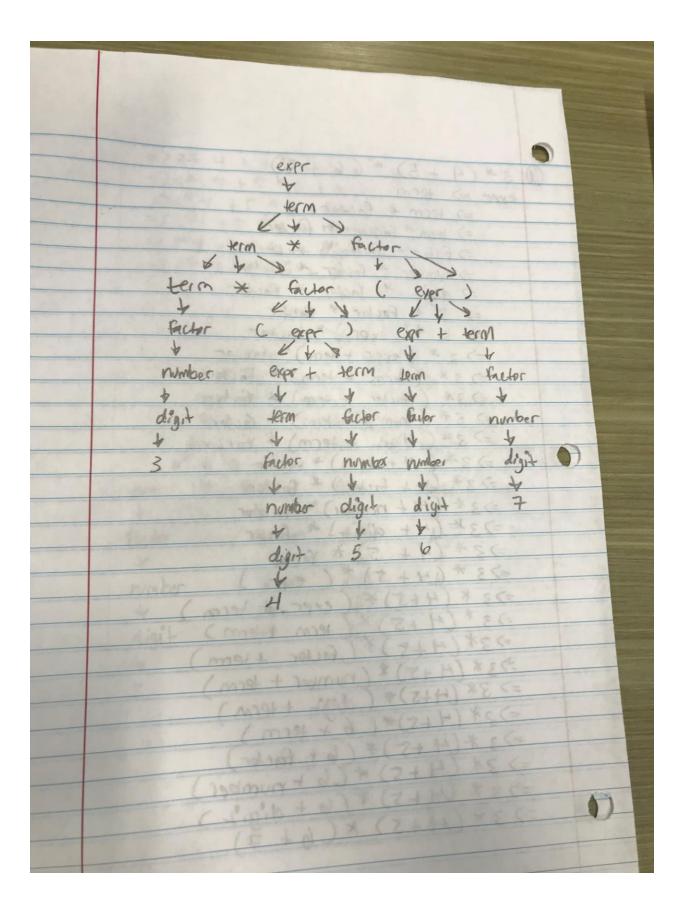
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Eduardo Abreu
Syntax & Senartiz #1
1 Tayle and all the
1. Textbook page 247, Problem 6.14 (a),(c),(d).
(a) ((2)) ettmost derivation & draw a parse tree.
111 000 1 2 100
=) factor expr
=) ( expr ) term
=> ( term ) +
=> (factor) factor
=> ( (expr))
=) ( (term) ) ( exer)
=> ( ( factor))
=) (Chumber)) term
=>(C digit))
=7((2)) futor
@ 3*4+5*6+7 ( expr )
expr => expr + term
, =) expr + term + term term
=>term + term + term +
=> term * factor + term + term factor
=) before befor tem temm
=> number * factor + term + term number
=> digit * factor + Jerm +term
=73 * fator + term therm digit
=) 3 * number +term +term
=> 3* d.y.t + term +term 2
=> 3 * 4 + bm +4em
=>3* H + krm * factor + trm
=>3 × 4 + huto, * factor + tem
=> 3k H + nuber & factor + term
=73° 7 Fraction of the
=>3 x + + digit * fortor + torr
=> 3*4 + 5 * Fator + term > => 3*4 + 5 * Number + term >
=> 3×4 + 5 = Nomber



@ 3\*(4+5)\*(6+7) exer =) term =) term \* factor =) term \* factor \* factor => factor \* factor \* factor => number \* factor \* foctor => digit \* factor \* factor => 3 \* Factor \* factor => 3 \* ( expr ) \* factor => 3 \* (expr + term) \* factor =) 3 × ( kron + term) & Packer =) 3\* ( factor + term) \* factor =) 3 \* ( number + term) \* factor => 3 \* ( digit + term) \* factor =) 3 \* ( + + term) + factor => 3 \* (4 + factor) \* factor => 3 \* (H + number) \* factor => 3 \* (++ digi+) \* factor =)3\* (4+5) \* (expr) =>3 \* (4+5) \* (exer + term =) 3 \* (4+5) \* ( term + term ) =) 3 \* (4+5) \* ( factor + term >>3 \* (H +5) \* (number + term) => 3\* (4+5)\* (digt + 40m) =)3\*(4+5)\*(6+ term) => 3 \* (4+5) \* (6+ factor) => 3\* (4+5) \* (6 + number) =>3 × (4+5) × (6+ digit) =>3 × (4+5) × (6+7)



		State of the last
200		
0		
2.	Textbook D 211	
(a)	Describe the strings that are considered.	
	Describe the strings that are represented by  the regular expression:	
	10 70.11	
	"[0-9]" are numbers """ means it can be received 1	
	"( Tele)" means it can be repeated 1 or more times.  "(Ele)" means that anything inside is optional.	
	means that anything inside is reproper	
	"(Ele)" option of "E" "e"	
	o"(E e)" option of "f" or "="	
	49093	
3.	Consider the following BNF grammar rules:	1
	2000> -> [2600> 2000>] <600>	
		Stal .
	C booo>→ X   Y   ≥ 900 > ( Chank)	A. N. W.
1	o For each of the following strings give a leftmost	
	derivation i draw a parse tree. It no such derivation	·
	is possible, indicate this:	
(a)	(Y) <pre><pre></pre></pre>	10
	(pop > => < 60p>	100
	=> (2600)	
	=> (6000>)	
	=>(Y) ( Lbops )	
	Total Control of the	
0	[V] (40004)	
(0)	[Y] No such derivation is possible	
-	7	
-		
1		

