

Taller #2 Programación 1

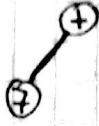
Andrés Felipe Betancurt Rivera 1088028961

Profesor: Francisco Alejandro Medina.

Universidad Tecnológica
de Pereira.

Taller # 2 Programación 1

1) 7
(+ 7)



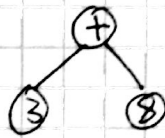
PreFijo : (+ 7)
PostFijo : (7 +)

2) -a
(- a)



PreFijo : (- a)
PostFijo : (a -)

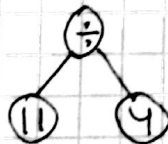
3) 3 + 8
(+ 3 8)



PreFijo : (+ 3 8)
PostFijo : (3 8 +)

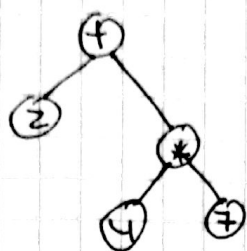
4) 11 / 4

$$\frac{11}{4}$$



PreFijo : (/ 11 4)
PostFijo : (11 4 /)

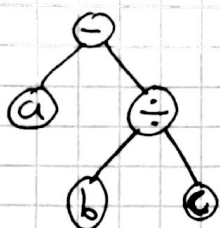
5) $2 + (4 \times 7)$



Prefigo : $(+ 2 (* 4 7))$

Postfigo : $(2 (4 7 *) +)$

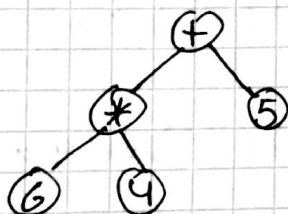
6) $a - b/c$



Prefigo : $(- a (/ b c))$

Postfigo : $(a (b c /) -)$

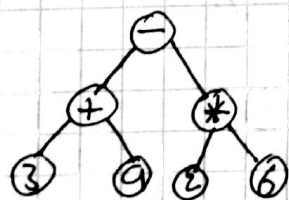
7) $6 * 4 + 5$



Prefigo : $(+ (* 6 4) 5)$

Postfigo : $((6 4 *) 5 +)$

8) $(3 + 4) - (2 * 6)$



Prefigo : $(- (+ 3 4) (* 2 6))$

Postfigo : $((3 4 +) (2 6 *) -)$

9) $((r/p))$

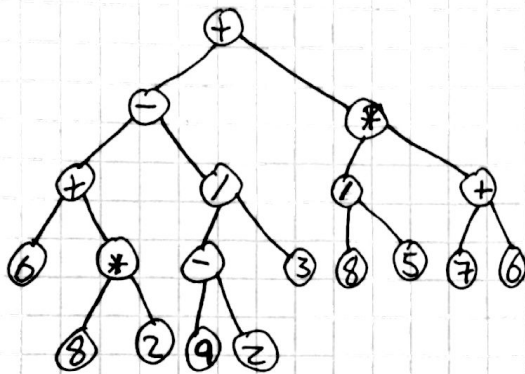
r/p



Postfix: $(r\ p\ /)$

Prefix: $(/\ r\ p)$

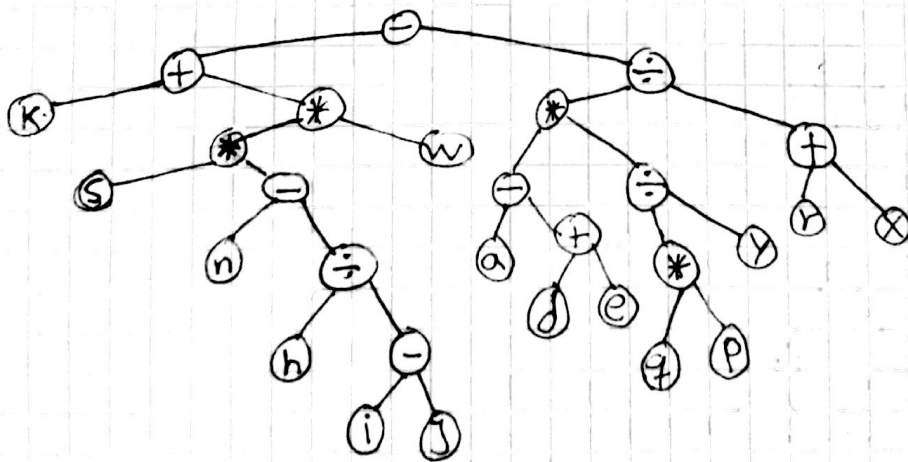
10) $((6 + (8 * 2)) - ((a - 2) / 3)) + ((8 / 5) * (7 + 6))$



Prefix: $(+ (- (+ 6 (* 8 2)) (/ (- a 2) 3)) (* (/ 8 5) (+ 7 6)))$

Postfix: $((6 (8 2 *) +) ((a 2 -) 3 /) -) ((8 5 /) (7 6 +) *) +$

11) $((k + ((5 * ((h / (i - j)) - n)) * w)) - ((a - (d + e)) * ((q * p) / y)) / (r + x))$



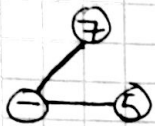
Prefigo: -

$(- (+ w (* (* s (- n (/ h (- i j)))) w)) (/ (* (- a (+ d e)) (/ (* q p) y))) (+ r x)))$

Postfigo

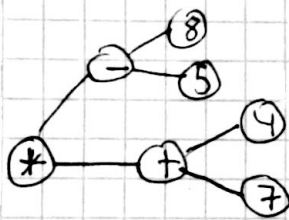
$((w((s(n(h(ij-)/)-)*))w*)+)((a(de+)-)((qp*)y/)*)(rx+)/-)$

12) $(- 7 5)$



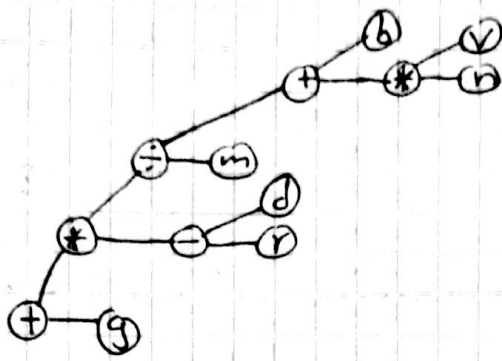
$(7 - 5) \rightarrow \text{Infigo}$

13) $(* (+ 4 7) (- 8 5))$



Infiga: $(8 - 5) * (4 + 7)$

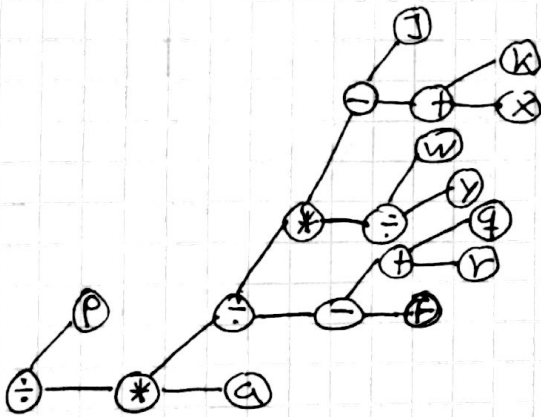
14) $(+g(*(-rd)(/m(+(*nv)b))))$



Infixa:

$$g + [(r - d) * (m / (b + (n * v)))]$$

15) $(/ (* a (/ (- f (+ r q)) (* (/ y w) (- (+ x k) j))))) p)$



Infixa:

$$\frac{a * [(f - (q + r)) / ((y / w) * (j - (x + k)))]}{p}$$