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	Hone work 6:1
	Homework 6.
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6	6
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	É MARIE DE LA COMPANIE DE LA COMPANI
1	· A is the root of the tree: True
2.	f is the root of the tree: False
3.	The leaves of the tree are: F and I
4.	The ancestors of I age: H, br and A
5.	in the same content content
1	The height of the tree is: 5
6.	The words of the second of the
7.	The children of by are: H
8.	It is a binary tree: Tour
	to some the second a successful for the segment of
9.	Degales of A, cand f are: A: 2, C:1, F:0
	The -mt of right suppres of A is: by
6.	The root of right subtree of A is: 67
	· Diaday pulsas in D.S.

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Date		

## Homework 6-2

Note the	following	points when withmeter expusion is
expanded in	Loun of	points when withmitte expousion is binary trees.
.,		

All the numerical values are present at the leaves.

None of the node has exactly one child . Having and exactly one child is meaningless when we have operators that require 2 operands.

Vote: If the enum Operators like factorial, Eq. taxe\_root etc. that require single operand, node can have exactly one child.

> Algorithm solve (Node node) if (node type == NOM) return mode number

switch (node · operation)

return solve (node. 1ett) + solve (node. right)

return solve (node. left) - solve (node. v ight)

return solve (node. (eft) \* solve (node. right)

case DIV

return tobe (node (eft) / solve (node right)

Home with 6.3
Peline all and the second of the second of the second
given height, we will make a tree such that every node
given height, we will make a tree such that every node
contributes to increment in height.
and the same and t
Q·level o
total nodes = h+1
(MONANDQuitaina 141
O Application and the second
Toggange stop bet still
O - level, a
( their spire ) and to ( the contract of the c
- in the materialist singly linked list.
· This tree somewhat resembles lingly linked list.
dragin com 2 swim - (4) 10. star 2 swim min



