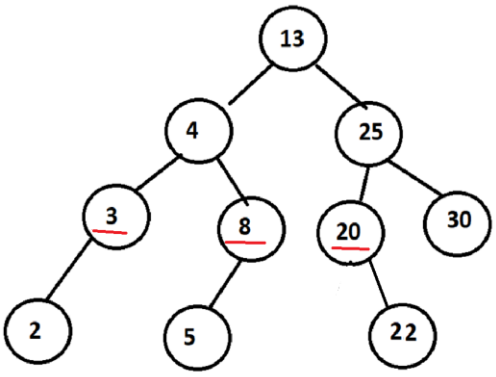
1) (10 pts) DSN (Binary Trees)

Write a function named *sumSingleParents*() that takes a pointer to the root of a binary tree (*root*) and returns the sum of all the values in the nodes with a single child.

For example, if you pass the root of the following binary tree, the function should return 31 (=3+8+20) as the nodes containing 3, 8, and 20 have only one child:



You must write your solution in a **single** function. You cannot write any helper functions.

The function signature and node struct are given below.

```
typedef struct node
{
   int data;
   struct node *left;
   struct node *right;
} node;

int sumSingleParents(node *root) {




}
```