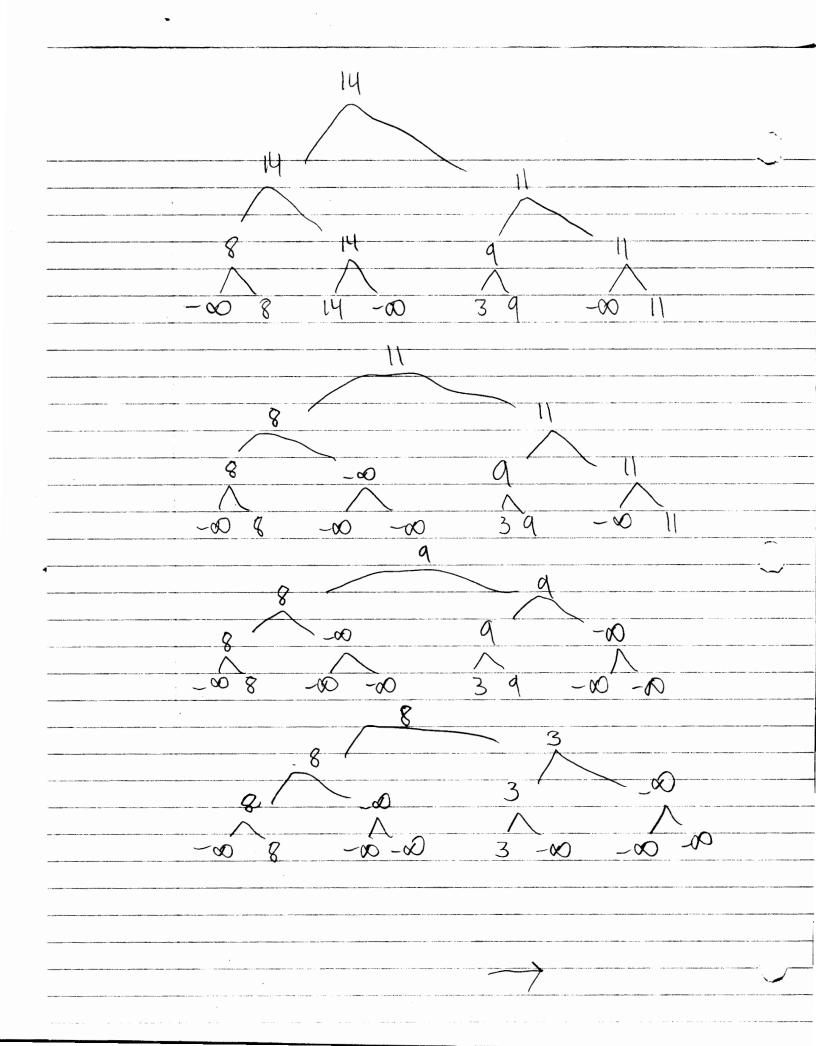
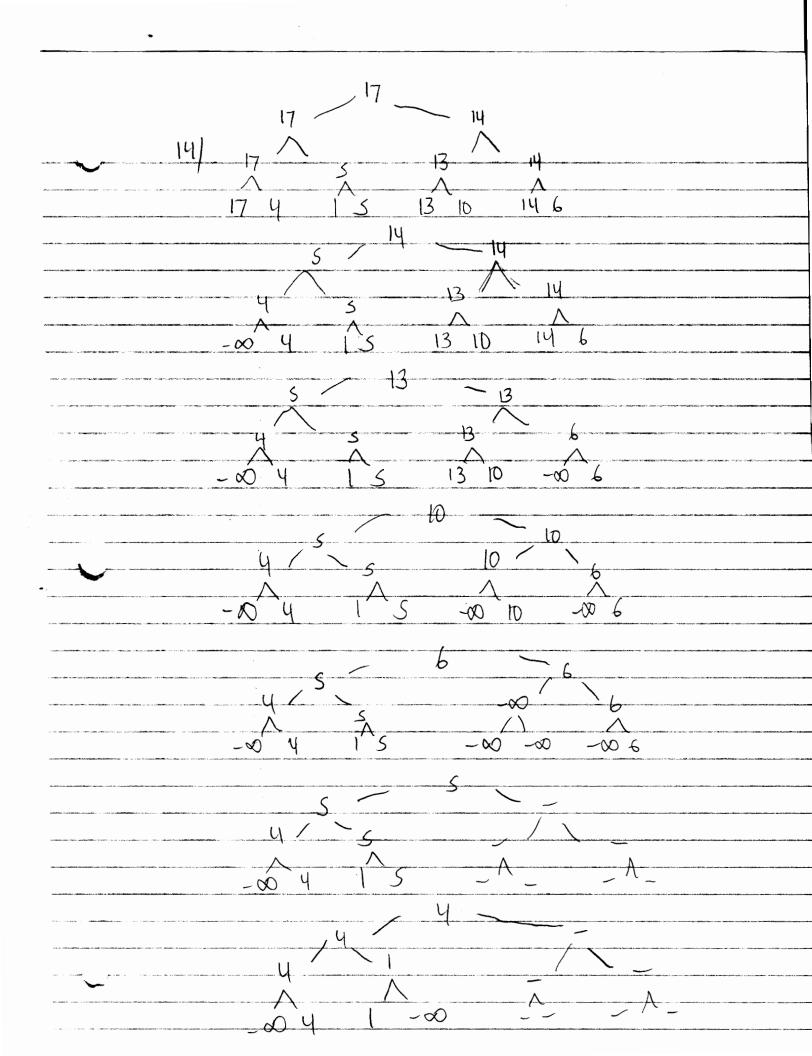
10.2 Weigh coin balanced, Weigh 2 then counterfeit dog the counterfail balance they don't balance the counterfeit comparisons on Cab, cod Compare a to b, then [C<d]. Now compare a the two is the smallest of compare b to c and a order.





(5) procedure tournament sort (a,, an)
Ki= [log N]
binary free of height K
$f_{n(\cdot)} := 1$ to n
Set the value of the ith leat to be ai
and it latel to be Holf
to $C = A+1$ to C
Set the value of the till tea 18 00 -10
and its label to be itself
for $i := k-1$ downto 0
for each vertex v at level i
Set the value of V to the larger of
the values of its children and its label to
be the latel of the child with the larger
volve
tor 1:= 1 to 1
begin
() - Value at the coot
let y be the label of the root
set the value of v to be -00
while the label at the root is still v
begin
v:= parent(v)
set the value of v to the larger
of the values of its children and its label to be the label of the
its label to be The label of the
child with the larger value
, end
end Equipon is the list in nonincreasing order
. .

