Insert (heap, value)

create new node with value as value dreate temperory heap

Toserting at the end of the heap looping over the heaps original and temperary the temperary contrill one becomes MULL

if degree of original tree in heap is less than degree of temperory text tree in heap create a new heap and add the top giral tree.

add the asset temperary here to heap

if original here has left over trees loop over and add them to new heap

if temperory heap has left over wees toop over and add all of them to new heap

if heap size is less than I return the heap

come design (CO)

was the 8 &

if its end of near only

one element remains

else if degree first mee

else if degree first mee good than degree of second wee then merge the wees

elle if the degrees are same then Biromial tree are same in heap

else if degree of two binomial were see same in map then merge the trees

return the peop

get Min (map)

the heap and keep checking the root of the trees. it less than lowest store it return the least value.

enwact Min (heap)

get the minimum value from get Min start from the first tree in the heap if the tree goot is not minimum then create a new heap and would the tree to the neap

Remove the minimum element from the heap and contract the tree to heap

element and the heap that was created earlier.

return the heap