	Nome: Robet Kudache Page No.
	USN \$ 1BM18C5083
11.	(reate Binomiai tree mode with data, degree
20	as integer datatype
	child, sibling, partent as pointer to the Node.
	dominate make of yours. The same
2.	INew node execution Function
	Noder new Node (10st key) it will assign
	corresponding child, parent and sibling to NULL
	(2) dras - 4/225 d = 1 4/3 1259 1250 d 3
	Insert Function - inserting a key into the
	binomial heaps 115 1801
ONE	insext (list < nodex > - head, int key)
() 7	- Create new wode temp
7 2	- Call inscrtto heap Function.
	60 600H3 607 331 02 02 00 00 00 00 00 00 00 00 00 00 00
40043	insest to treap Function - Insesting a Binomial
	tree to the binomial heap
3470 -	Prela Bounda 9200 9200 0000 0000 -
	insest to Freep Function (- heap, tree)
	- createng a new heap temp
0.09/	- inserting Binomial tree to temp heap
23 64316	as temp-push_back (tree);
	- Union operation to insert Binomial tree
	to original heap
	temp = Union Bronomial treap (-heaptemp)
4.	Cret min Function - return pointer tof minimal
	value Node present in the Binomial heap
	Node* Getmin (list & node* > - heap)
	- we use iterator := it as heap begin
	- assign temp twode to it pointer
	- check it! = - heap-end()
	- it *it - data < temp- data
	then temp = *it and it +t
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	1Bm (8cSo 83 Page No. Date Date
5.	Extractmin Function (takes happas argument)
	- Create list < Node +> For new-heap, lo;
1,31-	- Create pointer temp.
	- Assign temp to store minimal value
	element in heap (getmin (-heap))
1615	- List (Node*):= îterator it;
our .	- Assign it to heap-begin()
	- check For it ! = -heap.end()
	- if (* it ! = +emp)
	- insest all Broomial tree into new
	Binomial heap expect getmin
	[hew-heap.push-back (*it) j]
	- increment it
	- Assign Lo to the Function which
w 03.04	remove min value From the tree Bind
	retwin to Binomial heap
	- Create new-heap which stores the
	volve footput f the Function
	UnionBi onomial Heap.
اعدود و	adjust the new-heap and again
	5+ore it in new-heap which will
957 J-	be consider as Final Dre.
	good journe of
6	Print the bionomial Heap
10010	Done to
	(Paul) 12/20.
	- old globel 20 18 = 20 + 000 + 000 + 000 -