storet Noole (
int derte, degree;
Node *chird, *sibling, *pasent;

Nodex mege (Node xb1, Nodex b2) of

If (bi)data > b2 >data) twep(b1,b2);

b2 >parent = b1;

b2 > sibling = b1 > child

b1 > child = b2

b1 > degree ++;

return b1)

Nodex temp = new Nocle (Key)

Seturn insest Atree in Heap 1 Lead, temp)

hist choolex entractable (heterodex heap) {

13+choolex new heap, 10;

Noclex temp;

temp = gethin (heap);

list = boolex > := iterator it;

it = theap . begin()

while (it != heap end()) {

if (it != temp)

new heap. push bagy (*it);

ittl;

3

Ajay Mitter classmate 1BM1 \$ (3006 Binomial Heap lo = semove Min Form I ree Return B Heap (temp) new-heap = unionBinomial Heap (neco-heap, 10) setur new heap; list 2 Nodex > Union Binomia 11 teap (1ist choclex > 1) 11st 2 Wodex > 12) 5 137 = Nodex > new; auto it - 11. begin(), ot = 12. begin(); while (it! = 11. ende) us of != 12. end())? if ((xi+)->degree z= (8+)->degree) 4 new pushback (*it); 3 else 5 hew push-back (xot); list 2 Nodex> insent A Tree in Heap (list 2 Nodex > heap, 'Nodex trees & list < Node+> temp, temp push back (tree); temp = union Binomial Heap (heap, temp); retron temp; (ist Nodex> semoveMinForm Toee Return B Hap (Node * toee) 1/3+2 Nocle x > heap; Node x temp = tree-schild, x10; while (temp) 110 = temp; temp: temp ssibling 10-> sibiling = NULL; heap plan-toon+(10): } return heap; 3