```
Chardan (Bagar
                  ADS-LAB
                                         18M 10 (5026
 Struct Node
 in data, dequee:
 Node * child, sibbling, * parens;
dist < Node = insert ( list < Node * 7 head, int key)
    Node & demp = new node ( key );
    return insert A trice In Heap (-head, temp).
 Node * getmin ( list < Node (> - hear)
 1 list < Node * 7 : i therator it = - heap , begins) :
   Node & temp = *it's
   While (it): - keap end ()
   ( if (+i+) -> dara < temp -> dara)
           temp = xit!
   return timp.
list < Node *> insert A tree In heap ( list < Node *>- heap
 Node + tree)
but < Node + > temp :
   temp. push_back (thee);
   temp = union Binomial Heap (-heap, temp);
   ; (grup) souther number
 dut < node *> Endract min [ wit < node *> hear)
      lit < Hodek > hew hear, do;
      Node & temp;
       temp = getmin(- heap);
       with a Node +> :: Iterator, i +;
       It i heap . begin();
```

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Dhue [il] = - heap - end (1)
   4 (x16) = temp)
      new heap, push back(+ 1+);
   to : temore min from the Leturn & hear ( kny);
   rusheap : uneon Binomial reapl new heap, to)
   hew-hesp = adjust ( new - here)
   return new heap )
Node & neugezinomistres ( Node & bi, Node * bi)
     4 (b) - data > b2 -> dars)
         wep (61, 62)
     b2 -> plusent 26)
     br -> sibling = bi-> child's
     bi - schild 1 b2)
      bi -> degree ++1
      charment pt )
list < node + > currier Biramial heap & week fode +> 41,
                                     JUH < NOde +> lo
   lit < node +>- new
   whit < wode + >: I sterator (+ = 11. Segin():
   life < Mode +> ; ; iterator it = 12. begin();
 while (it | = literal) 84 it | = 12. end())
      4 (mix) -> degree = * 0+ -> degree )
       new push back (kit);
         1644)
     eye 1 _ new, push - bak ( = 0 +);
          0+++
```

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where (it) = 4. end())
   -nav. push-back (*it);
   1+++;
uses
   new push-back (+01);
   206++;
 While (it! = hera())
 1 - new push - back (+ 16);
   alt ++ ',
  While (06! = 12 chas)
     - raw push - back (+0c);
   3 06415
  suturn new!
```