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USN: 1BH18CS017
    ログががいまし : 78%ハ
                                   Date: 30-9-2020
    FF - N - S.C. : SLAN
L'ugam 2: Ship Liste
void slight: insert (int key) {
   Node + un = head.
   Node & update [Maxlvl+1];
   menset (update, o, size of (Node +) + [Maxlul +1));
   for lint iz level; 17=0; i--) / 5019 - ACUM
        while ( un -> forward (i)! = NULL 20
  Harrist-book will -> forward [i] -> key < key)
              um = um -> forward [i];
                                   GLAZA = LOUDEN
         update [i] = uu;
    un = un -> forward (o); but I have treen * 160
    if (un = = NULL / Pull => ky! = key) both
          int rlut = random level ( ) is to - golds
           if (nut 7 lund) 10021 - 1000
          for ( int i = level +1; i < glub +1; i++)
                   update [i] = head;
               level = rlul;
          Node * neur= vieate Node (key, rlul);
          for Cintizo, ic=rlul; ja+)
             new > prward [i] = update [i] > forward [i];
             update [i] -> forward [i] = n;
```

a partial section is a model

Name: Anusice Manoj

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Anuscee Marioj K
   1BM18CS017
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void sleiplist :: delite (int key)
                             voice supplied in such the
     Node & au = head;
      Node & up date [ Maxwel +17;
     memset (update, v, sizeof ( Node &) * ( Haxlut +1));
     for (int i = level , i = 0; i --)
      while Cur - journed [i]!= NULL 22
               aur - forward (i) -> key Kkey)
            un = un -> forward (i);
          update (i) = cim brown = will = will
       curs = curs -) forward [0].
       if (um 1= NULL 88 um - key == key)
           for (int i=0. iz=level; i++)
              if (update(i)-)forward(i)!=aur)
                   break;
              update (i) -> forward [i] = um -> forward (i);
        while (livel 70 21 head -) forward (livel ] == 0)
            level - -;
```

```
void ship list: search (int key) &
    Node & cun = head;
for int 1= level; i = 0; i--)
       while ( un ) forward [i] 1= NULL is
            un - forward (i) - key < key )
          uri = un -> forward (i);
    un = un - forward (07; - 17 massar
    if (um 1 = NULL 88 um -> ky = = key)
        with << " found: " (clear co end);
               i bud : ji , i si dai) sej
   [ [update ] = ) for want is = unt
           =[i] bushed =[i] studeth
   while ( ! will 20 31 heading forward ? lovel ] = = 1
```

BANKEY ENTHALE

The winds

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Lustee