```
Lecture 15
Sunday, 23 February 2020 2:31 PM
                                       4 -> dinear date structur.
  Diff b/w Array & L.L?
                                      10 13 3×
      class L·L {
   privategy class Node {
                  int data;
                   Node next;
                   Node (int date, Node next) {
                                            > Node n=new Node(10, null):
                      this date: date:
                       this next: next
                                               Node uk p= new Node (20, null):
                                        head date in
                                                              dala:20
         Node head; ]
         Node
               Size;
         int
                                                                       date: 30
                                      list-
         Size();
        is Emply ();
                                           hinked hist list: new hinkedhist();
         add First (data);
                                                            lista. Add Finst ();
                                                  Look
         add hast (data);
                                                 head mul
         addAt ( virt irden, virt data):
          getNoele At (iert inden):
                                                  Sizero
          getfirst():
          gethost ();
        get At (int inden.);
          a remove First ();
                                                                 head I & fail
                    Last ()
                    At():
            display ():
                                                                            L? head
       add First ->
                                         Node n= new Node (date, this. head);
       Node ->
Lohead.
                                            this hed n;
          Sizett
                                            fif (this is Empty ()) {
this tail = n:
this head = n;
              getNode At (ent inden) {
int Counter: 0;
                  rehalle (Kourtere inder) {
                                            2 else { tail, ment: no. 7 thrs. kil. n. 5
                                              Size++;
                    -> temps temp monti
                     return temp:
                   getNode At (unden-1):
Node -
                                                                Remove First (),
                                                                remove Last ();
                                                                Remove At ()!
                                      9. data = temp;
  Reverse PI
                                                                 30,0
                                     Node brev. this. head.
Node lur : prev. next;
                                 Node temp aver: aver;
                                           Sprer = Curr;
Cour = Curr. next;
                                         Jemp Curr. next= temp prev,
                                         Node temp: this head:
                                                 this head = this tail,
```

OneNote

01/03/2020

head six 2K 3K-4K 5K.

lo 20 30 40 + 50-1X

frublic void reverse PR()?

This reverse PR (this head);

= { such head and fail }

fublic void reverse PR (Node node)?

(if (node = + this fail)?

Tre hour;

The verse PR (node next);

The verse PR (node next);

The verse PR (node next);

The node next next = node;

The node next next = node;

3

Q=) Genrse DR

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