

It also has a few disadvantages like the nodes cannot be accessed directly instead we need to stack from the head & follow through the link to reach to a node we wich to access # LinkedList in Java. To Store the elements in a linked 1653 we use a doubly linked list which provides a lineau data structures and also used to inherit an abstract class and implement list and deque Interfaces. In Java, Unkedlish class implements the list interface. The Unkedlist doss also oppsish of various constructors and method like other java collections.

> 2mport java. util. +; package Linkedlista! public class Mainlinkedlist? public static void main (string [] augs)? List (Integer) Il = new linked list <> 0. 11. add (12); 11.a ad(2), million and million 1.[1.add (32)] System. out printing (11) static void get tombete the site Will regal freshment of the dunter and CILII OBODESI O TO LOID SOF List Add Clay It will be a separate the second part the stage and respond that I wall man was a series Control of the state of the

package linkedlists; inspout java utill x public dass Minlinkedlist 3 public static void main (String[] augs) List<5 ntegers 11 = new tinkedlist<>(). list < Integers al = new Arraylist(>1). System. out print in (11. get(1)); gettime Diff (al); static void get Time Diff (list (Integer) long staut & System. current Time Millisely tor (Int i=0; i< 10000; i++) } list add (i); long and = System. current time Millis (); System.out.println (list.get(loss.getNamel) + "+ (end-staut)); Joseph 7.

```
code of linked list
package linked List -
public class My linked list ?

Node a head;

Class
    Static a Node ?
         int data:
     of (note) vext.
          public Mode (int data) ?
                this . data = data .
                next = null!
  void add (int data) ;
      Node to Add = new Node (data);

if (head == null) i head = to Add;

return; i
     / Node temp = head;
       while (temp. next ! = null) }
            temp = temp. next
       temp. next = to Add;
```

