05-07-2024

COLLECTION FRAMEWORK OR COLLECTIONS =>

list -> Arraylist, veitor, stack, linkellist

The state of the s

The property of the property o

Quelle -> Abstract Quelle (abstract class)

Priority Quelle

Set > Mustrait Set (alustrail class)

Hash Set

sorted set -> treeset, Linkel Hashset

Map > Hash Table, Hash Map.

sorted Map -> True Map, winked Hash Map

Iterator V intiterator LIST; - It is a linear Data - structure elements are stored in preserved order.
Duplicates are illowed. List java -> Mukaye saceja, import gava util Arraylist; Julity class Demo public statu Void mais (String arc) Arraylist < string > a = new Arraylist < string > (2) A. add ("hai"); a add ("hello"); a add ("chello"); system. out fruith (a); a add (1,"bye"); 1 the many in the 1 remove (2) has train-july system out fourth (4); A STATE OF THE PARTY OF THE PAR 0/0; Chai, hella; chella] [har, bye, chella]

(b) of the late with

VECTOR: - It is a legacy class. Vectorus. javed same as aline iste · Judilic static Vector & string > = a = new vector < string > (2) STACK: - LIFO order Lout in First out It is a sub class of vector (). It operates on the frimight of LIFO, and a second second fuch is -2 top most eliment. haikage socieja; stacki java import java util asociejastes - haikage siaja; public doss Demo public elabir void main (string DTC) Stack (string > 1 = min stack (string > (); in huch (" hello "); a huch (" hai "); a fuch (" b ge"); System and foundly (a); System. out. wintle (a. fock ()). system out pountly (4. pop ()); [heles, hai, by) bye System, out printlin (a. is Empty ()); freeh (): -last element (): - [i F 0

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LINKED LIST !-
                                          Linked-list, java
- harkage suga;
    import java . Util . Avray list;
    fullir class Demo
       fully static void main (string ar (?)
          LunhadList & String > 1 = new linked list & String > ()
           1. add ("hai"); 1. add ("bye"); 1. add (1, "chelle");
           1. ald First ("siit"); 1. add but (" sativice");
          System out pointln (1);
 QUEVE: It is a linear data structure which follows the
                                      fifo 2 first in first out
  founithle of FIFO order
  - parkage surja:
                                                Queul - jaird
     import java- util brown list;
     Julie Class Demo
         public static void main (string wrc7)
          Poriority Quelle < String > P = new Pariority Quelle 2 string > ();
           P. add (1'10"); P. add ("20"); P. add ("5");
           System out printly (P);
            system, out. println (p. poll ());
            system. out. fruitly (p. poll ());
                                                      0/1:-(10, 20,5]
```