imposet java. util. \*;

public class nth Smallest Element 2

public static int findnth Smallest (List & Integere > list, with collection 301ct (lest); www. word string ( reducen list get (15-1) into program ) < > public static void main (3tring [ Jargs) 2116 Int K= 1; + mit lait [] for mon with minds System out presont on (" with Smallest !! + find orthsmallest [[] () thog (number 18)) 2 H. World Priegreeney Map Jaka Himshif showing imporet java util : i ; ) De mus virrois que public class word Frequency Maps ! tri stoving public static void main (String [ ] aregs) & due Straing text = " naima realatul kulaip ilma"; Tree Map 2 String, Integer > free Map = new Tree Map 27(); fore (string world: test split (" ") 22 " ") freq Map. put (word, freq Map. get Ore Default (word, 0). System.out. praintly (freq Map): 2000 29

3 Dueue Stack Using Pioretty Queue java import java util \*;
public class Queu Hack Using Preiorety Queue?
static class Poieve ? private Priority Queue Zint 13 Zyrene-new Priority Du <> ( compared ore compareing Int (a a [1])) polinate int 1-time = o som bia sitate silaine queve offer (new int [] {val, time + + }) public int policis (" ) altaing bio maters reduien queue poil () [9]; static class PQ Stacks
privale Priority Queuez int []> stack=rew preionity Queue 2> ((a,b) -> b[1]-a[1]) prelvote int time top now word brief this story public void push (int val) bior sitate silding stack offer (new int ] ?val , time ++ }); 3 True Map I Straing, Integen & 13 (2) good this silding returen stack poll () [0]; + book gante ) not public static void main (3tning []args) 2.
PQQueue q= new PQQueue ();

q. offer (1); q. offer(e); q. offer (3); system.out. printly ("Quare poll: "+q. poll()) 5. push (1); s. push (2); s. push (3); System. out. praintln (" stack pop: "-+ 5-pope)); 4) StudentTree Map. Java imporet java . wil . \*; class student { streing name; } ythoughtist Equality ? aman prisonts Saple 2-tages hay wan (2112001 ] und & the public student (string name, fort age) & ( Armay s. as list ( ; same; ) toil so . 2 yours) Linkedlist a Integer Slist 2900 Ten Spring public Straing ( to Straing) ( ) 20. 20 20 11 () Sour Lection signo +" (31 + ode+13)11312 - 40 - 42 + 5/5 public class Student Tree Map 2 public static void main (String []args) { Tree Map & Integer. Student > students = new TreeMape x) students. put (1110, new student (" Naime", 29)); students. put (1111, new student (" Kuldip", 28));

students entryset () }?

System out pruntly (entry get key ()+ =>+ Import riam . etil . 4. imporet java edil . \*; 3 trabute 2000 public class Linked List Equality & enon points public static void main (string I Jargs) & Linkedlist 2 Integere > List 1 = new linkedlist w (Arcray s. as List (1,2,3)) 3 mon. sint Linkedlist / Integere > List 2 = new Linkedlist <> (Arrays. as 1st (4,2,3))-3 privite silding System.out. println ("dists equal ?" + dist 1 equa public class Student mas Map 2 public static void maio (String [ Jargs) ? Tree Map & Integer. Student > Students = 12010 Free Maps > students out (1200, new student (" Maima", 80); students, put (1111, new student (" Kuldip", 28));

## 6/ Employee Department Map. java imporet java. util . \*; public class Employee Department Map 2 public static void main (String [] angs) } Hash Map & Integer, String > employee Map = new HashMap <> (); employee Map. put (22001, "Naima"); employee Map. put (22002, "Rafatul"); employee Map. put (22018, "Kuldip"); fore (Map. Entry Lintegere, String > entry i employeeMap. entryset ()) { System.out. prointln ("ID:"+ entry.getkey ()+ "=> Dept. + entry get Value ();

7