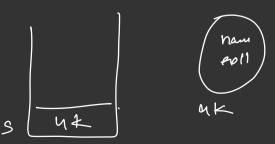
Final Reyword The Perimitive data type final int a = 2; (a = 3) // × > Energy -s a is final Vagiable 2) Non Paimitive final Student s = new Student(); S=null S= new Student

S. name = "Tanmay"



## Wrappen Class

AgrayList < Integer>



Integer Character Boolean

Integer a = 2; Integer b = new Integer (2);

Static key woad

- 1 Variables
  - 1 functions
  - 3 blocks
  - (y) class

Class Student & int eollno; Staing name; static int count; Student () & count ++; main () { Student SI= New Studentc); Student S2 = New Studen+() Syso ( SI. count ) Student Sysols 2, count) Student. count hame 9011 nama

z

2) Static functions
Les called from class name
doen't require any instance

Static Variable / function

Lo does not depend on
instance

Static function ] y you connot have a non static member

Static int count; static int count; static void paint Name () & syso(count)

class Student &

Syso(name) // X Earor Student S= new Student(); S. name

Q Longest Common Parefix (LCP) [ geeke, geeke foar geeke, geeky, geek] Aggays. sort ( agg); I [geek, geeks, geeks, geeks, geeky] geeby s. substaing(0,5) length = \$1230 2 No Sorting ccp(grebs, geek, geeky) => geek Leller (geeks, geek), geeky) >> geek

b & Staing LCP Dtil (Staing ara []) &
Staing result = LCP (ara [0] cost)

food (i = 2; i < a. Length; i++) &

sesult = LCP (result, creci);

eneturn result;

b string LCP (String a, String b) {

int l= Math.min (a.Rength(), b.length())

int count =0;

gor(i=0; i< l; i++) {

sig (a. CharAt(i)!=b.charAt(i)) {

dreak;

count ++;