JAVA

CODING.

Arrays & Strings.
n All Questions needed are solved by me in cet-logic given in previous pages.
Entra pages left for practice too.
a Syntax differences Index
1) cout << x << y << ""; -> System.oct.println (n+y+")
intt;
intt; Scanner RC = new Scanner (System.in); intt = SC. nextInt();
(3) Port a [10,000]; ? Port [7 a = new int [60,000]; for () { cin>>a[i]; } a[i]; } 2 2 4 2 2 2 2 2 2 2 2 2 2
(a) Obj formation not reg -> Class No obj Name 2 new Class No. (1); for calling for x = obj Name funeme (-1); x = funeme ();
(5) memset) Arrays. fill.
(b) swap in same kut swap (listnone, i, i)
(a) swap in same but swap (l'ohnone, i, j) (a) man(a, b) Math-man(a, b); A INT-MINI; -> x = Integer, MINI-VALUE;

A Method 1 -> temp = aros[end]; even two for arr [end] . arr [sterl] loops can be and [stork] . temp, Start PT; end ++; * Method 2 -> Using Strong Builder. so a new stoing in severe loop. * nethod 4 - Revering a number (Given before) see once, Problem 2 -> Min & Max in an array tempo = INTif (am list > temp) {
temp. con[is;] temp 1= INT=MI if (arr [i] (temps) of fempliant[i]; 9 pair out = new pair (min from) return out;

Problem 3 - Pointing a corray

G Kth Smellest element. 1) 8081 & K-1 element is kth smellest. Porays. root (avoncme); Dr for (---) E System. Out. println(i); Da for (int x: avenume) of J. System ... (2); 3 System - - (Arrays. to String (avorneme)); Lo will print as a List/string. Porblem 4 -> Soot Os, 12 & 23 without any algo soot M1 -> 3 for loops, "f(arr["] 2 = 0) & (3 times.

a[i] = 0

y

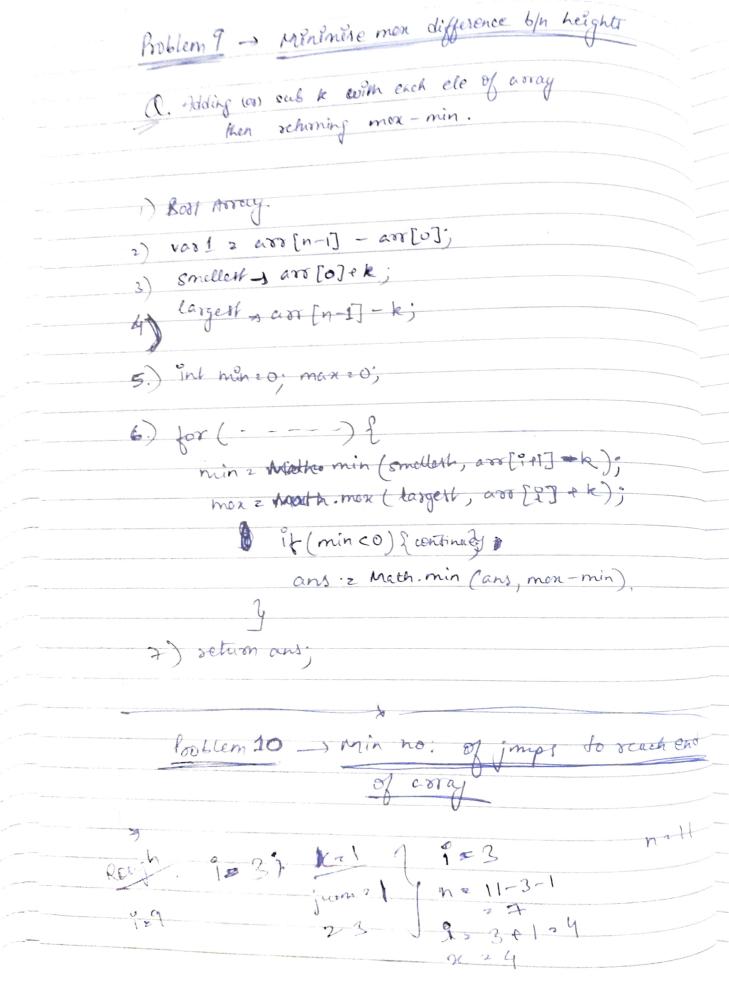
for). setum a [i]; M2 -> went number of 0,122 & print using for loop. M3 -> Maintain high, low & medium (like in Butch national flag problem).

Brothem 5> More all neg num to one side
$MI \rightarrow Cod$
M2 -> Last problem approach (or, 9) (:1)
Without entra space
Bubble soot but instead of agriff.
do artijes;
Porblem 6 - 3 Union of 2 arrays (2 intersection)
M1 -> Convert to set we neither
Copriend with Mashmap
M3 -> while (ich da j cm) -> vsing I while of ib (a[i] > b[j]) dj+1, 3 clx ib (b[j] > a[i]) dier; 3
elsef (System out - (a[i]));}
ξ.
Alumbeoformoffenception
Integer-Passe Int (String) - for string to int.
S.add (blist); - adding array to set.
S. to String -> set or int to string.

Postern 7. -> Rolaling an array (int i.1...) ?
arr[i-1] 3 anto], anth]; -> Largest sum Configuous Bubarray.

(Kadan's Algo). V.Imp. int check = 0; ind max = Integer. MIN_VALUE; for (int 120; ich; itt)} check = check + a or [i]; There check 2 arr [i] } (Can also be written as check arr [i]; meth max (check, check tarry))

if (max < check)? check max " check; ochum mon; ă



Porblem 11 -> find duplicate (pigeon hole principle n-1 numbers Endishinch) 2 loops -> noire apposach. of Mashset & Hashmap. (contains) a Soot, and arr [i] = arr [iel]. O (logn) a Binony search. (Given in leetwode, see once).