ArrayLevel -2

J. 1 Find Unique elements

P/p ->

2, 10, 11, 13, 10, 2, 15, 13, 15

Repeats one time.

How to solve?

⇒XOR

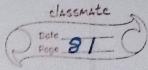
for same value → 0 for diff value → 1

Code:

int getUnique Cint arr[], int n) {
 int ans = 0;
 for Cinti=0; i<n; i++) {
 ans = ans ^arr[i];
}

2 return ans;

H.W > Pair sum/



Find pairs of given array. (P2) ilp -> array -> 23 ~10,20,303 01P → (26,10) (30,10) (10,10) (3020) (20,20) (10,20) (20,30) (30,30) (10,30) Using 2100ps :4j Code: Assarga = 22 For Cirt 1=0; 1<n; 1++) < For Ciptj=0; < n; ; ++)?

COUT < arcing < z', " < z < arcing < cendl;

3

Q.3

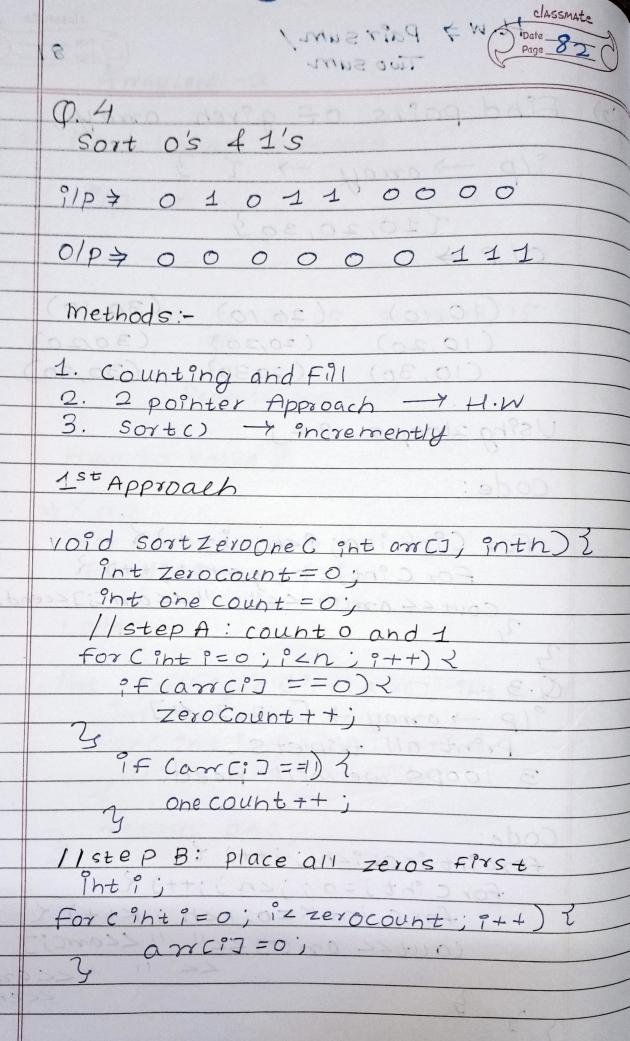
?10 11p -> array -> [1,2,3,4] Print all triplets. 3 loops we will need. Code: forcint i=0; i<h; i++) { for c int j = 0; j < n j; ++) 2 for c intK=0; KKh; K++) { for C int K-0, KZIV]

(OUT LL QNC !] LL !! LL QNC !]

LL !! !! LL QNC !]

LL endl;

} } 4



classmate

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11 Place all ones first : forcints=i; jen; j++) ?
          of temp = amen is
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int index = 0)

while (zerocount --) & am Eindex J = 0)

3 stantaganst 4000, Egot?

while Cone Country -) To arr Eindex J=1; 9ndex++;

Shift Arrays elements by 1.

ilp + 10 20 30 405060

Olp - 60 10 20 30 40 50

Method. to solve.

2) anci+1] = andist

(3) am [0] = temp

cate:

8.8

void shift Array (int arr [], int n) ?

int temp = artn-1);

11step2

for Cinti=n-i; i=1 ji--) 2 for Cinti=n-i; i=1 ji--) 2 arcij=arci-ij;

MEASY WAY

11 Step3 copy temp into other dex

2 am [o] = temp;

10 | 20 | 30 | 40 | 50 | 60

K=2 2 androus your +7110

50 60 10 20 30 40

1 temp = 2 50,603

2) am[:+2] = am[:]

3) in ciude temp elements

dust = [0] wo