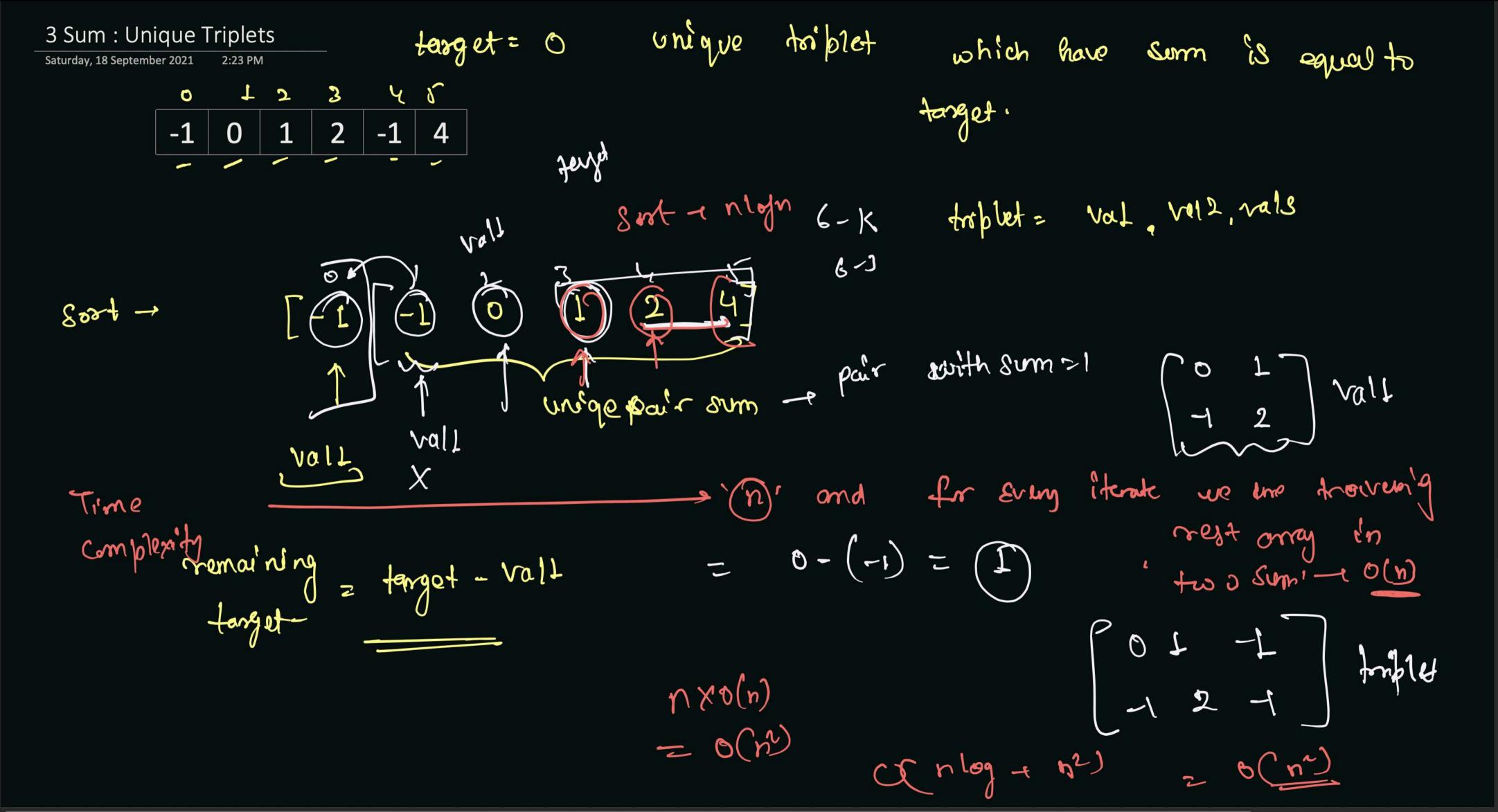
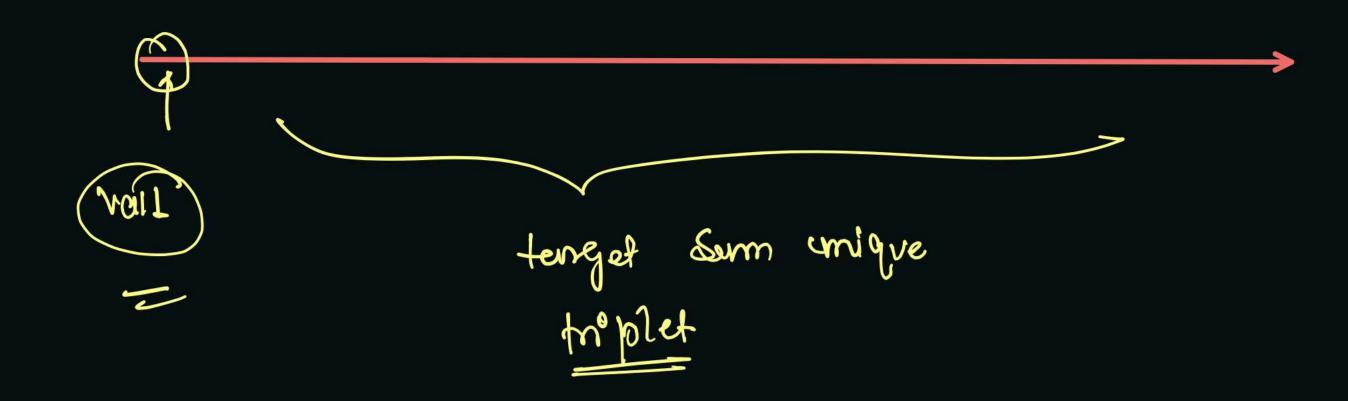
distinct elements in tenget sum pair 2 Sum: unique Pair tanget = 10 Saturday, 18 September 2021 am[10ft] + am[níqut] them prevent repitible tond Mada (antlet) & antingut] in list left tt! night --!
3 else if (Sum > Jarget) {

```
ra→ [[1,7], [2,6], [3,5]]
                                                              while(left < right) {</pre>
 8um = 8/ 9/ 8/ 8/ 8
                                                                   left++;
                                                                   continue;
               [2,6], [3,5]
                                                                   left++;
  Fral Result - [[1,7], [2,6], [3,5]]
                                                                   right--;
                                                                   right--;
                                                                  else {
                                                                   left++;
```

```
int right = arr.length - 1;
  List<List<Integer>> res = new ArrayList<>();
      // how to prevent repitition
      if(left != 0 && arr[left] == arr[left - 1]) {
      int sum = arr[left] + arr[right];
      if(sum == target) {
          List<Integer> subres = new ArrayList<>();
          subres.add(arr[left]);
          subres.add(arr[right]);
          res.add(subres);
      } else if(sum > target) {
```





K Sum - Some as 4 sum and 3sum

Base case & K=2 then call to 2 sum-

Complex Number Multiplication

Sunday, 19 September 2021 2:51 PM

complex Number -> real + gmaginary i

"
$$0 + 2i$$
" — real = 0 ?maginary = 2
" $-1 + 3i$ " — real = -1 ?maginary = 3
" $1 + -2i$ " — real -1 ?maginary = -2
" $1 + 0i$ " — real -1 ?maginary -1 ?maginary

Real C.N.2.

C.N.2.

$$a+bi$$
 $a+bi$
 $a+bi$

$$a_{2}$$
 a_{1} a_{2} - b_{1} b_{2}
 b_{3} = a_{1} b_{2} + a_{2} b_{3}
result = a_{1} a_{2} b_{3}

Similary the and be.

Total plateform =

```
am -
               00:60
                                09:50
                        09:40
                                           11:00
                                                   18:00
                                                            18,00
                         12:00
                                                     [3:00
               09:10
                                                             20100
                                 11:20
                                           11:20
     dep -
                   departure - s (For 80Hed time frame)
   Sort americal
                 departure-
                                     amival
                  0910
- Wgoo
                                      Bmax = BX & 3. max
                                                                Result 23
                  1120
     0940
                                        while (i < am. length)?
                  1130
    0380
                                       if(am[i] < dep[j])}
     1100
                  1200
     1200
                                            plateform et;
    1800
                                        delse s
                  200D
                                            pratefor -- )
                                        omare 2 mothmare (omar, platform);
```