

```
compangeon between double_?
                                                public int compareTo(KnapHelper o) {
                                                   if(this.yal_by_wt > o.val_by_yt) {
  return this vally wt - 0. vally wt;
                                                       return(1;)
                                                   } else if(this.val_by_wt < o.val_by_wt) {</pre>
                                                       return -1;
                                                   } else {
                                                       return 0;
                 Rasult = 0.2
                            In Integer = 0
                                                             Use if (this <0)
       O'mean, the's & o. is equal x
                                                              ¿ else }
   Standard
          L. reform this. chede - other. cheli
                           tve - this is great a tris is great a
                                                  good 12
                                                   equa L
```

Perfect square square numbers that sum to n

n= 7

1<sup>2</sup> + 1<sup>2</sup> + 1<sup>2</sup> + 2<sup>2</sup> = 7 Umin nos-

n= 9

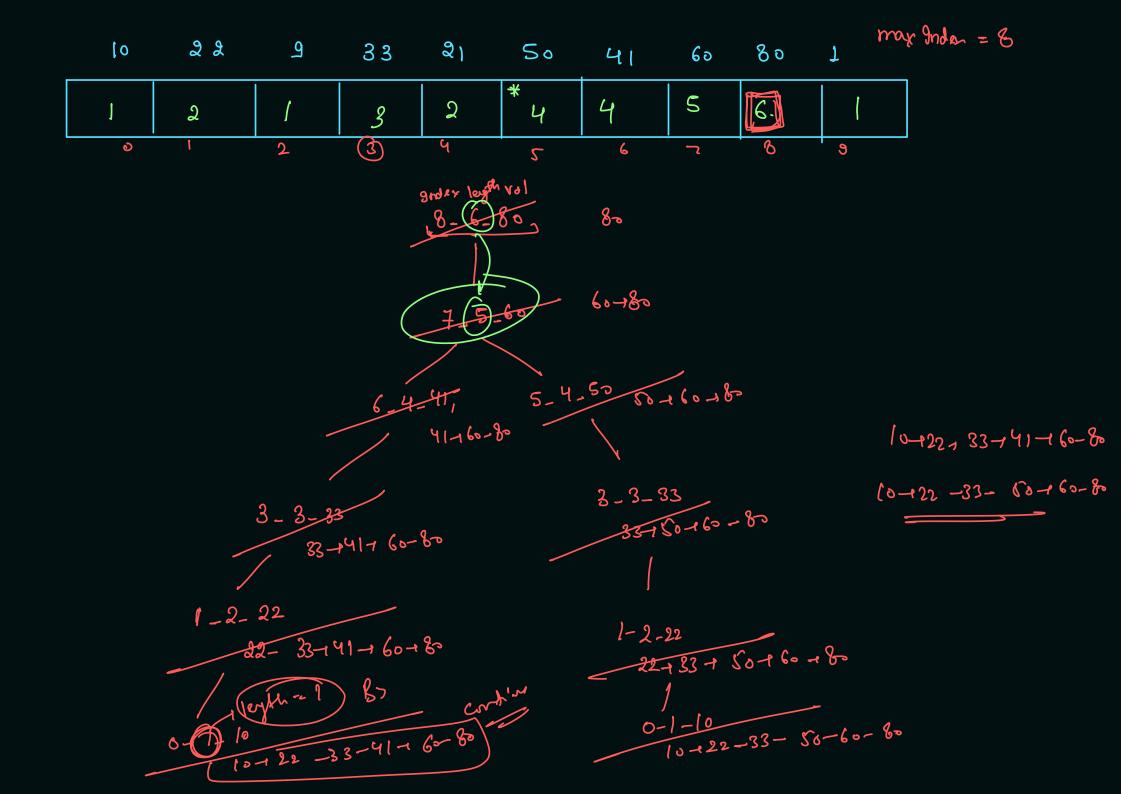
n25+ 1+2=52

 $n_{2} \stackrel{?}{\rightarrow} \frac{2}{1+1+1} \stackrel{?}{=} \stackrel{?}{\rightarrow} \frac{3}{1+1+1}$   $n_{2} \stackrel{?}{\rightarrow} \frac{3}{1+1+1+1} \stackrel{?}{\rightarrow} \frac{3}{1+1+1+1}$ 

lo 11

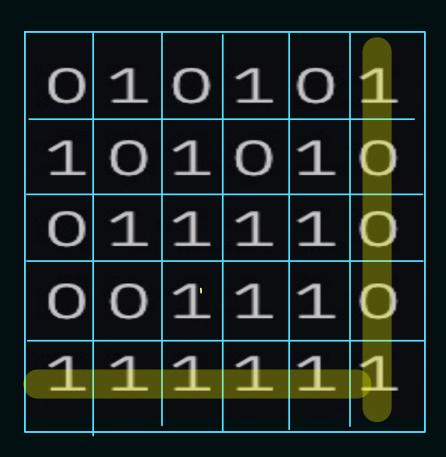
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t all longost Increasing Subseq. !-					langed incressed on la			har		
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. ]	2	1	3	2	* 4	4	5	6.	1	
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		20 -> 33 20 -> 33					33 31 39	10 20 23 41 60 800	γ A11	 



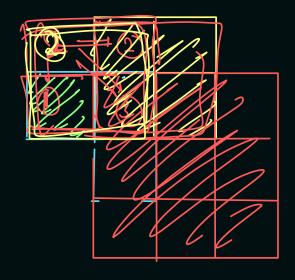
Portal - length of side = 1

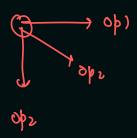
Locatcode - Aroa of squario = 1\*1



0	1/	70	1	<del>7</del>	1
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0	1 /	<del>(3)</del>	2	1	Ó
C	0	2	21	71 -	<b>&gt;</b> 💍
l	1	l	1	, 1	<i>-</i>

mre (3)





9+ depende on min, size
from op1, op2 & 0/03 t1

NOTE: for maximum size of Rectangle

use largest Area Histogram concept of

Stack.