```
LOS Iroh mey
                                                   LIS Noh
                                                                      may
public class Solution {
   public static int LDS(int[] arr) {
                              J of 9
     int size=arr.length;
int [] dp=new int[size];
int maxlen=0;
for(int i=size-1;i>=0;i--){
                                                    olic static int LIS(ArrayList<Integer> heights, int n)
                                                    Rh
                                all 4 wales
                               hessel en
                               aibit retar
        }
maxlen=Math.max(maxlen,dp[i]);
                               colynnis
                                                      maxlen=Math.max(dp[i],maxlen);
      eturn maxlen:
                                                v import java.util.ArrayList;
      ublic static int LIS(ArrayList<Integer> heights, int n)
                                                     int maxlen=0;
int[] dp=new int[n];
for(int i=0;i<n;i++){</pre>
                                  10
                                                       R
          }
maxlen=Math.max(maxlen,dp[i]);
        return maxlen; W ro afre freds well
                                                       maxlen=Math.max(dp[i],maxlen);
           he has chess hits the LOS
Return hai it mai tigher that her head to
hate lugton be
                                                      return maxlen;
LIS Loo R dehlo
     dp(i) -> hil [oboi] leyen of LIS
             j heeche hei tel offorese
                                     art[i] > are [i] Aloin Treig hos
     So dpsij = none (dpsij)+1,dpsij)
  L do R joe whe do dot j'he lie heecle
Li dekhne dogs noe
          Ids mai les condition cheze la juegi
              ala (j] > all (i) LR
```

RAL 3 solve Right 1st dp[i] -> LIS fram (i bo all. leph) for jon Ripd of i over [i] > cer [i] Hois LZS derge reg & then LDS mai condition change !! L to P i=0 b ar lemph -1 R so L i= alu.lengh-1 choo phle Rint rule Soluce phle Left vele Selne herte jas & mone ho hete you & more to sint dp(i) -3 LZS from db[i] -> LIS from (O boi) (i bo are leigh) - Tel down -> Recorsive (Menorishen)

Op Tek down -> Recessive (Menorichen)

Tek down As an Tob Sty hablen

lorechs ihb smeller brokelen & Inn

Smeller brokelen Treselves do Sign Sol

Slether up > Smelly headelen Shey soen bo higgs headelen Stere no need bo herech bry Spealelen job smell ferblan