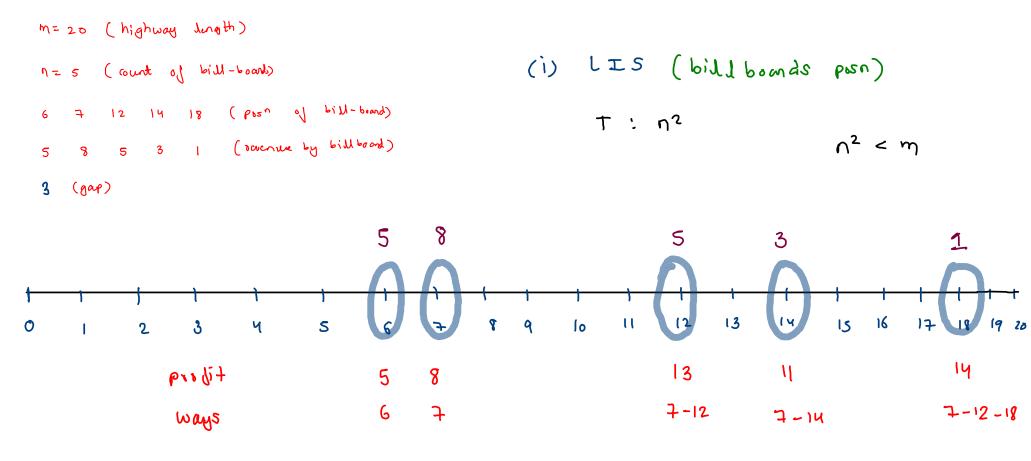
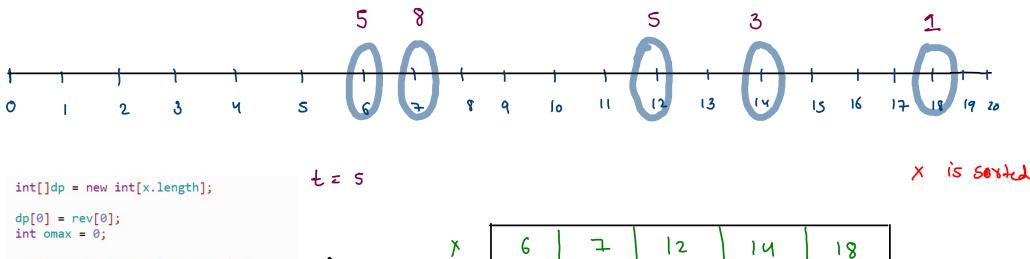
Highway Billboard





```
Uz
for(int i=1; i < dp.length;i++) {</pre>
   int max = 0;
                                                                     0
                                                                                1
                                                                                                        3
                                                                                                                   4
                                                                                            2
   for(int j=0; j < i;j++) {
       int dist = x[i] - x[j];
       if(dist > t) {
           max = Math.max(dp[j],max);
                                                                                8
                                                                                           10
                                                                                                                  11
                                                           dip
                                                                      0
                                                                                                        3
                                                                                1
                                                                                                                   4
                                                                                            2
   dp[i] = max + rev[i];
   omax = Math.max(omax,dp[i]);
                                                                                                                             6-12-18
```

work directly

then

zi

sort it.

surted

othnwise

ways

7-14

 $M < U_{\delta}$ (ii) miles Time 0(m) (include & exclude) 12 9 10 u ' 13 15 S 4 9 8 8 13 13 13 13 13 14 14 14 5 8 0 0 0 0 0 de [i-1]

de ci J

Temple Offerings

- 1. Pepcoder is wishing to give offerings to all the temples along a mountain range.
- $2. \ \mbox{The temples}$ are located in a row at different heights.
- 3. You have to find the minimum number of offerings such that these conditions are fulfilled -
- -> If two adjacent temples are at different heights, then the temple which is situated at greater height should receive more offerings.
- -> If two adjacent temples are at the same height, then their offerings relative to each other does not matter.

