Theoretical Analysis of Code

```
Thursday, March 5, 2020
                           8:06 PM
   Sort of Sort
            Based on injobss example:
             once
                          repeating
                        for loop while loop
       _ inthen mar

    int to Begin

                         COUNT ++
       int indofinax
                         swap'.
                         int temp = antlenmar 3 - n
       int count
                          arr clentar ] = max - n
arr cind of max ] = temp - n
        inti=toBeq
    int temp= arr [kn Mar]
- int temp= arr (to Begin]
                            Dength Mat --
   int mar = arrtho Begin ]
                          swap:
                          int temp = arr (to Begin ) - n
                           arr Cto Begin = max = n
                           arr Cindofmax = temp ] -n
                             to Begin ++
                             Smorp:
                              arrti] >= max - n
                               max = arr ciJ - n
                               ind of Max = i
             T(n)= 8+14n
O(n)= O(n) (get rid of constants)
```