

```
= 0+1+2+3+---(n-1)=n(n-1)
                                    neglect less domina-
                                    ting & const element
worst ease > O(n2)
Best case -> oco2)
=> It is not stable sosting algorithm.
=> It performs well on small lists.
Ex.
Static void Selection Soxt (int [] ass) {
   Pos (int i=0; i < also-length; i++){
     intlast = ass.length-i-1;
     int maxIndex = getMax (arr, 0, last);
     swap (ass, stast, end) (ast);
static void Swap (intel are, int start, int last)
   int temp = ass [stast];
   age [stast] = age [last];
   ass (last) = temp;
Static voint getMax (int [] are, int start, intend)
    int mase = start;
    for (int i= ostart; i <= end; i++) {
      if Cass [Max] < ass[1]) f
          Max = i;
     return max;
```