Analisis Asintotico

Ernesto Rodriguez - Juan Roberto Alvaro Saravia

Universidad Francisco Marroquin

ernestorodriguez@ufm.edu - juanalvarado@ufm.edu

Insertion sort

Algorithm 1 Insertion sort

1: **procedure** INSERTION-SORT(xs)
2:      **for** $j \leftarrow 2$ **to** $len(xs)$ **do**
3:          $indice \leftarrow xs[j]$
4:          $i \leftarrow j - 1$
5:          **while** $i > 0$ **and** $xs[i] > comodin$ **do**
6:              $xs[i + 1] \leftarrow xs[i]$
7:              $i \leftarrow i - 1$
8:          $xs[i + 1] \leftarrow indice$