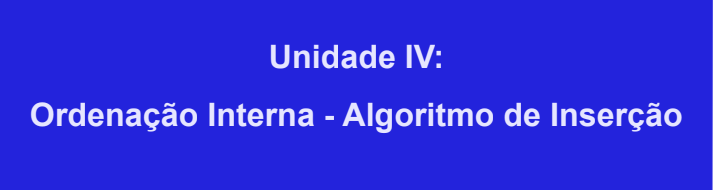
Trabalho Teórico 6



Slide B.

1) Mostre todas as comparações entre elementos do array para os arrays abaixo.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | 1 | 2 | 3 | 4 | 5 | 6 |   Before Insertion Sort  Vector {1,2,3,4,5,6}    |Key|--------2--------|  1º) Compare -> 1<- ->2  Vector {1,2,3,4,5,6}    |Key|--------3--------|  2º) Compare -> 2<- ->3  Vector {1,2,3,4,5,6}    |Key|--------4--------|  3º) Compare -> 3<- ->4  Vector {1,2,3,4,5,6}    |Key|--------5--------|  4º) Compare -> 4<- ->5  Vector {1,2,3,4,5,6}    |Key|--------6--------|  5º) Compare -> 5<- ->6  Vector {1,2,3,4,5,6}    After Insertion Sort  Vector {1,2,3,4,5,6} | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | 6 | 5 | 4 | 3 | 2 | 1 |   Before Insertion Sort  Vector {6,5,4,3,2,1}  |Key|--------5--------|  1º) Compare -> 6<- ->5  Vector {5,6,4,3,2,1}    |Key|--------4--------|  2º) Compare -> 6<- ->4  3º) Compare -> 5<- ->4  Vector {4,5,6,3,2,1}    |Key|--------3--------|  4º) Compare -> 6<- ->3  5º) Compare -> 5<- ->3  6º) Compare -> 4<- ->3  Vector {3,4,5,6,2,1}    |Key|--------2--------|  7º) Compare -> 6<- ->2  8º) Compare -> 5<- ->2  9º) Compare -> 4<- ->2  10º) Compare -> 3<- ->2  Vector {2,3,4,5,6,1}    |Key|--------1--------|  11º) Compare -> 6<- ->1  12º) Compare -> 5<- ->1  13º) Compare -> 4<- ->1  14º) Compare -> 3<- ->1  15º) Compare -> 2<- ->1  Vector {1,2,3,4,5,6}    After Insertion Sort  Vector {1,2,3,4,5,6} |