Bubble:

Array original: [5, 3, 8, 4, 2, 115, 113, 118, 114, 112, 125, 123, 128, 124, 122, 35, 33, 38, 34, 32, 45, 43, 48, 44, 42, 55, 53, 58, 5
4, 52, 65, 63, 68, 64, 62, 75, 73, 78, 74, 72, 85, 83, 88, 84, 82, 95, 93, 98, 94, 92, 15, 13, 18, 14, 12, 25, 23, 28, 24, 22]

Bubble Sort - Resultados:
[2, 3, 4, 5, 8, 12, 13, 14, 15, 18, 22, 23, 24, 25, 28, 32, 33, 34, 35, 38, 42, 43, 44, 45, 48, 52, 53, 54, 55, 58, 62, 63, 64, 65, 68, 72, 73, 74, 75, 78, 82, 83, 84, 85, 88, 92, 93, 94, 95, 98, 112, 113, 114, 115, 118, 122, 123, 124, 125, 128]

Trocas: 884

Ciclos: 1770

Codigo Att:

Tempo de execução: 0.000010 segundos

Array original: [5, 3, 8, 4, 2, 115, 113, 118, 114, 112, 125, 123, 128, 124, 122, 35, 33, 38, 34, 32, 45, 43, 48, 44, 42, 55, 53, 58, 5 4, 52, 65, 63, 68, 64, 62, 75, 73, 78, 74, 72, 85, 83, 88, 84, 82, 95, 93, 98, 94, 92, 15, 13, 18, 14, 12, 25, 23, 28, 24, 22] Ordenação por Inserção - Resultados: [2, 3, 4, 5, 8, 12, 13, 14, 15, 18, 22, 23, 24, 25, 28, 32, 33, 34, 35, 38, 42, 43, 44, 45, 48, 52, 53, 54, 55, 58, 62, 63, 64, 65, 68, 72, 73, 74, 75, 78, 82, 83, 84, 85, 88, 92, 93, 94, 95, 98, 112, 113, 114, 115, 118, 122, 123, 124, 125, 128] Trocas: 884 Ciclos: 943

Tempo de execução: 0.000005 segundos