**Ciência da Computação – Universidade Feevale**

**Aluno: Jefferson Martins Cardoso**

**Disciplina: Estruturas de Dados I**

**Data: 28/06/2017**

**Algoritmo de Ordenação Comb Sort O(n²)**

**Gap = 10 / 1.3 = 7**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | **2** | **1(0)** | **5** | **4** | **9** | **7** | **8** | **6** | **0(1)** |

**Gap = 7 / 1.3 = 5**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | **2** | **0** | **5** | **4(1)** | **9** | **7** | **8** | **6** | **1(4)** |

**Gap = 5 / 1.3 = 3**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | **2(1)** | **0** | **5** | **1(2)** | **9(6)** | **7(4)** | **8** | **6(9)** | **4(7)** |

**Gap = 3 / 1.3 = 2**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3(0)** | **1** | **0(3)(2)** | **5** | **2(3)** | **6** | **4** | **8(7)** | **9** | **7(8)** |

**Gap = 3 / 1.3 = 1**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **0** | **1** | **2** | **5(3)** | **3(5)** | **6(4)** | **4(6)** | **7** | **9(8)** | **8(9)** |

**Gap = 1 / 1.3 = 1**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **0** | **1** | **2** | **3** | **5(4)** | **4(5)** | **6** | **7** | **8** | **9** |

**Gap = 1 / 1.3 = 1**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **0** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** |

**Total de Comparações: 50**

**Total de Trocas: 12**