

```
1  Bubble Sort  N = 10000
2      -49993.664   -31432.150   -21581.700   -13104.768   -5538.947
3          126.164     5987.604     13280.791     21525.968     31480.465
4
5  Number of Compares = 99980001  Number of Moves = 74909664
6  Relative # of Compares = 9998.0001  Relative # of Moves = 7490.9664
7
8
9  Selection Sort  N = 10000
10     -49993.664   -31432.150   -21581.700   -13104.768   -5538.947
11         126.164     5987.604     13280.791     21525.968     31480.465
12
13  Number of Compares = 49995000  Number of Moves = 29997
14  Relative # of Compares = 4999.5000  Relative # of Moves = 2.9997
15
16
17  Insert Sort  N = 10000
18     -49993.664   -31432.150   -21581.700   -13104.768   -5538.947
19         126.164     5987.604     13280.791     21525.968     31480.465
20
21  Number of Compares = 24979887  Number of Moves = 24999885
22  Relative # of Compares = 2497.9887  Relative # of Moves = 2499.9885
23
24
25  Quick Sort  N = 10000
26     -49993.664   -31432.150   -21581.700   -13104.768   -5538.947
27         126.164     5987.604     13280.791     21525.968     31480.465
28
29  Number of Compares = 218569  Number of Moves = 93681
30  Relative # of Compares = 21.8569  Relative # of Moves = 9.3681
31
32
33
```