1. selection sort (b)

=()

=()

=()

=

b= 1.9845043136061278

2. quick sort (b)

=()

=()

=()

=

b= 1.1395769105893998

3. selection sort (million)

=()

=()

t2 = 23.36630732(min)

4. selection sort (billion)

=()

=()

t2 = 39.94443622 (year)

5. quick sort (million)

=()

=()

t2 = 0.40583382 (sec)

6. quick sort (billion)

=()

=()

t2 = 4.07711891(hour)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Selection sort (b= 1.9845043136061278) | | | Quick sort (b= 1.1395769105893998) | | |
| N | 10000 | Million | Billion | 10000 | Million | Billion |
| My computer | 0.360507  (sec) | 23.36630732  (min) | 39.94443622 (year) | 0.002646  (sec) | 0.40583382  (sec) | 4.07711891  (hour) |

