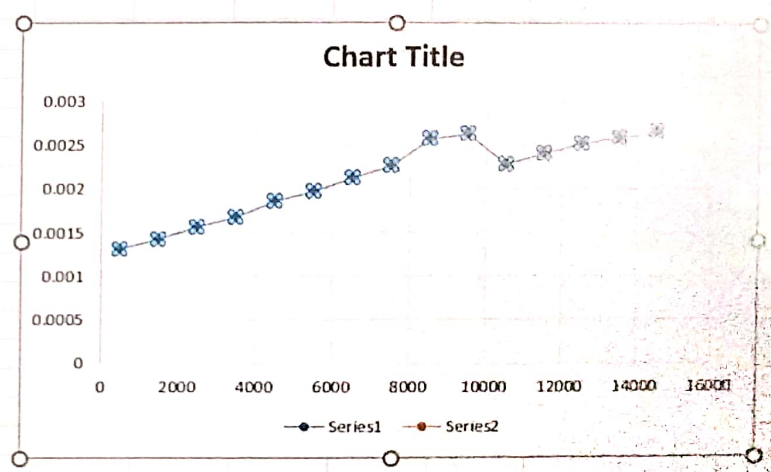


| | |
|-------|----------|
| 500 | 0.001315 |
| 1500 | 0.001427 |
| 2500 | 0.001571 |
| 3500 | 0.001685 |
| 4500 | 0.001856 |
| 5500 | 0.001965 |
| 6500 | 0.002127 |
| 7500 | 0.002261 |
| 8500 | 0.002566 |
| 9500 | 0.002623 |
| 10500 | 0.002273 |
| 11500 | 0.002403 |
| 12500 | 0.002507 |
| 13500 | 0.002574 |
| 14500 | 0.002652 |



Enter the number of elements: 10

Enter array elements: 12 34 56 67 87 54 34 56 78 43

Sorted array is: 12 34 34 43 54 56 56 67 78 87

Time taken to sort 10 numbers is 0.000012 Secs

1:For manual entry of N value and array elements

2:To display time taken for sorting number of elements N in the range 500 to 14500

3:To exit

Enter your choice:2

Time taken to sort 500 numbers is 0.001315 Secs

Time taken to sort 1500 numbers is 0.001427 Secs

Time taken to sort 2500 numbers is 0.001571 Secs

Time taken to sort 3500 numbers is 0.001689 Secs

Time taken to sort 4500 numbers is 0.001856 Secs

Time taken to sort 5500 numbers is 0.001965 Secs

Time taken to sort 6500 numbers is 0.002127 Secs

Time taken to sort 7500 numbers is 0.002261 Secs

Time taken to sort 8500 numbers is 0.002566 Secs

Time taken to sort 9500 numbers is 0.002623 Secs

Time taken to sort 10500 numbers is 0.002273 Secs

Time taken to sort 11500 numbers is 0.002403 Secs

Time taken to sort 12500 numbers is 0.002507 Secs

Time taken to sort 13500 numbers is 0.002574 Secs

Time taken to sort 14500 numbers is 0.002652 Secs

1:For manual entry of N value and array elements

2:To display time taken for sorting number of elements N in the range 500 to 14500

3:To exit

Enter your choice: