```
Enter the size of the list: 10
Unsorted Array: 4 7 8 6 4 6 7 3 10 2
Sorted Array:   2 3 4 4 6 6 7 7 8 10
Time taken: 0.000003
```

```
Enter the size of the list: 30
Unsorted Array: 14 17 28 26 24 26 17 13 10 2 3 8 21 20 24 17 1 7 23 17 12 9 28 10 3 21 3 14 8 26
Sorted Array:   1 2 3 3 3 7 8 8 9 10 10 12 13 14 14 17 17 17 17 20 21 21 23 24 24 26 26 26 28 28
Time taken: 0.000005
```

```
Enter the size of the list: 50
Unsorted Array: 34 37 28 16 44 36 37 43 50 22 13 28 41 10 14 27 41 27 23 37 12 19 18 30 33 31 13 24 18 36 30 3 23 9 20 18 44
 7 12 43 30 24 22 20 35 38 49 25 16 21
Sorted Array:   3 7 9 10 12 12 13 13 14 16 16 18 18 18 19 20 20 21 22 22 23 23 24 24 25 27 27 28 28 30 30 30 31 33 34 35 36
36 37 37 37 38 41 41 43 43 44 44 49 50
Time taken: 0.000007
```

```
Enter the size of the list: 100
Unsorted Array: 84 87 78 16 94 36 87 93 50 22 63 28 91 60 64 27 41 27 73 37 12 69 68 30 83 31 63 24 68 36 30 3 23 59 70 68 9
4 57 12 43 30 74 22 20 85 38 99 25 16 71 14 27 92 81 57 74 63 71 97 82 6 26 85 28 37 6 47 30 14 58 25 96 83 46 15 68 35 65 4
4 51 88 9 77 79 89 85 4 52 55 100 33 61 77 69 40 13 27 87 95 40
Sorted Array:   3 4 6 6 9 12 12 13 14 14 15 16 16 20 22 22 23 24 25 25 26 27 27 27 27 28 28 30 30 30 30 31 33 35 36 36 37 37
 38 40 40 41 43 44 46 47 50 51 52 55 57 57 58 59 60 61 63 63 63 64 65 68 68 68 68 69 69 70 71 71 73 74 74 77 77 78 79 81 82
83 83 84 85 85 85 87 87 87 88 89 91 92 93 94 94 95 96 97 99 100
Time taken: 0.000013
```