





C:\Users\Admin\OneDrive\Desktop\4th sem\ADA lab\ADA lab programs\Merge Sort\merge_sort_prog.exe Sorted array is: 0 6 11 Time taken to sort 8 numbers is 0.000000 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 0.002000 Secs Time taken to sort 1500 numbers is 0.002000 Secs Time taken to sort 2500 numbers is 0.001000 Secs Time taken to sort 3500 numbers is 0.001000 Secs Time taken to sort 4500 numbers is 0.002000 Secs Time taken to sort 5500 numbers is 0.001000 Secs Time taken to sort 6500 numbers is 0.001000 Secs Time taken to sort 7500 numbers is 0.002000 Secs Time taken to sort 8500 numbers is 0.001000 Secs Time taken to sort 9500 numbers is 0.002000 Secs Time taken to sort 10500 numbers is 0.003000 Secs Time taken to sort 11500 numbers is 0.002000 Secs Time taken to sort 12500 numbers is 0.002000 Secs Time taken to sort 13500 numbers is 0.002000 Secs Time taken to sort 14500 numbers is 0.002000 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 Enter your choice:3 Process exited after 115.3 seconds with return value 0 ress any key to continue . . .



























