



July DV Batches

11. Write a program in system Verilog to sort elements of array in ascending order.

Test Data :

Input the size of array : 5

Input 5 elements in the array :

element - 0 : 2

element - 1 : 7

element - 2 : 4

element - 3 : 5

element - 4 : 9

Expected Output :

Elements of array in sorted ascending order:

2 4 5 7 9

12. Write a program in system Verilog to sort elements of the array in descending order.

Test Data:

Input the size of array: 3

Input 3 elements in the array :

element - 0 : 5

element - 1 : 9

element - 2 : 1

Expected Output :

Elements of the array in sorted descending order:

9 5 1

13. Write a program in system Verilog to insert New value in the array (sorted list)..

Test Data :

Input the size of array : 3

Input 3 elements in the array in ascending order:

element - 0 : 5

element - 1 : 7

element - 2 : 9

Input the value to be inserted : 8

Expected Output :

The exist array list is :

5 7 9

After Insert the list is :

5 7 8 9

