Output:

Enter number of elements in array 1:5

Enter array 1 in sorted order: 12 0

20

30

40

50

Enter number of elements in array 2:4

Enter array 2 in sorted order: 15

25

35

45

First array is :1020304050

Second array is:15253545

Merged array is :102030405015253545

SCREENSHOT OF OUTPUT:

```
Enter number of elements in array 1 : 5
Enter array 1 in sorted order : 10
20
30
40
50
Enter number of elements in array 2 : 4

Enter number of elements in array 2 : 4

Enter array 2 in sorted order : 15
25
35
45
First array is :1020304050
Second array is :15253545
Merged array is :102030405015253545
...Program finished with exit code 0
Press ENTER to exit console.
```