```
=[■]========================== ESSAY12.C ==========================
main()
{
    int arr1[50], arr2[50], size1, size2, i, k, merge[100];
    printf("Enter Array 1 Size: ");
    scanf("%d", &size1);
    printf("Enter Array 1 Elements: ");
    for(i=0; i<size1; i++) {
        scanf("%d", &arr1[i]);
        merge[i] = arr1[i]; }
    k = i;
    printf("\nEnter Array 2 Size: ");
    scanf("%d", &size2);
    printf("Enter Array 2 Elements: ");
    for(i=0; i<size2; i++){
        scanf("%d", &arr2[i]);
        merge[k] = arr2[i];
        k++;}
    printf("\nThe new array after merging is:\n");
    for(i=0; i<k; i++)
        printf("%d ", merge[i]);
        _return 0;}
==== 22:9 ====◄□
```

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C:\TURBOC3\BIN>TC
Enter Array 1 Size: 7
Enter Array 1 Elements: 1
2
3
4
5
6
7

Enter Array 2 Size: 5
Enter Array 2 Elements: 11
22
33
44
55

The new array after merging is:
1 2 3 4 5 6 7 11 22 33 44 55 _
```