```c
1  #include <stdio.h>
2
3  int main() {
4      int a[50], b[50], c[100];
5      int n1, n2, i;
6
7      printf("Enter number of elements in first array: ");
8      scanf("%d", &n1);
9
10     printf("Enter elements of first array:\n");
11     for(i = 0; i < n1; i++) {
12         scanf("%d", &a[i]);
13     }
14
15     printf("Enter number of elements in second array: ");
16     scanf("%d", &n2);
17
18     printf("Enter elements of second array:\n");
19     for(i = 0; i < n2; i++) {
```

```
Enter number of elements in first array: 3
Enter elements of first array:
1 2 3
Enter number of elements in second array: 3
Enter elements of second array:
4 5 6
Merged array:
1 2 3 4 5 6

=== Code Execution Successful ===
```