C Online Compiler

main.c   Output

```c
1  #include <stdio.h>
2
3  int main() {
4      int n1, n2, i, j;
5      printf("Enter the number of elements in the first array: ");
6      scanf("%d", &n1);
7      int arr1[n1];
8      printf("Enter %d elements of the first array:\n", n1);
9      for (i = 0; i < n1; i++) {
10         scanf("%d", &arr1[i]);
11     }
12     printf("Enter the number of elements in the second array: ");
13     scanf("%d", &n2);
14     int arr2[n2];
15     printf("Enter %d elements of the second array:\n", n2);
16     for (i = 0; i < n2; i++) {
17         scanf("%d", &arr2[i]);
18     }
19     int merged[n1 + n2];
20     for (i = 0; i < n1; i++) {
21         merged[i] = arr1[i];
22     }
23     for (i = 0; i < n2; i++) {
24         merged[n1 + i] = arr2[i];
25     }
26     printf("Merged array:\n");
27     for (i = 0; i < n1 + n2; i++) {
28         printf("%d ", merged[i]);
29     }
30     printf("\n");
31     return 0;
32 }
33
34
35
36
```

Run