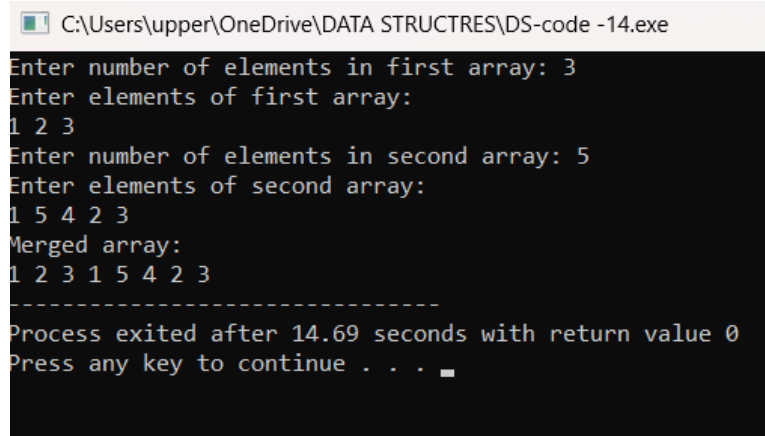


```

#include <stdio.h>
int main() {
    int arr1[100], arr2[100], merged[200];
    int n1, n2, i, j;
    printf("Enter number of elements in first array: ");
    scanf("%d", &n1);
    printf("Enter elements of first array:\n");
    for(i = 0; i < n1; i++) {
        scanf("%d", &arr1[i]);
    }
    printf("Enter number of elements in second array: ");
    scanf("%d", &n2);
    printf("Enter elements of second array:\n");
    for(i = 0; i < n2; i++) {
        scanf("%d", &arr2[i]);
    }
    for(i = 0; i < n1; i++) {
        merged[i] = arr1[i];
    }
    for(j = 0; j < n2; j++) {
        merged[i + j] = arr2[j];
    }
    printf("Merged array:\n");
    for(i = 0; i < n1 + n2; i++) {
        printf("%d ", merged[i]);
    }
    return 0;
}

```



```

C:\Users\upper\OneDrive\DATA STRUCTRES\DS-code -14.exe
Enter number of elements in first array: 3
Enter elements of first array:
1 2 3
Enter number of elements in second array: 5
Enter elements of second array:
1 5 4 2 3
Merged array:
1 2 3 1 5 4 2 3
-----
Process exited after 14.69 seconds with return value 0
Press any key to continue . . .

```