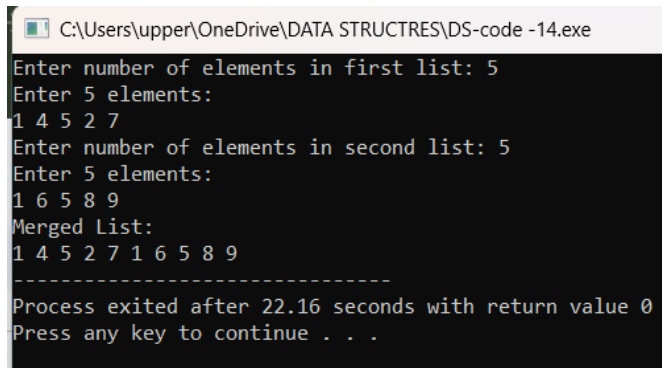


```

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

```



```

C:\Users\upper\OneDrive\DATA STRUCTRES\DS-code -14.exe
Enter number of elements in first list: 5
Enter 5 elements:
1 4 5 2 7
Enter number of elements in second list: 5
Enter 5 elements:
1 6 5 8 9
Merged List:
1 4 5 2 7 1 6 5 8 9
-----
Process exited after 22.16 seconds with return value 0
Press any key to continue . . .

```