

```

#include <stdio.h>
int main() {
    int arr1[100], arr2[100], arr3[200];
    int n1, n2, i, k = 0;
    printf("Enter number of elements in first array: ");
    scanf("%d", &n1);
    printf("Enter %d elements:\n", n1);
    for(i = 0; i < n1; i++) {
        scanf("%d", &arr1[i]);
    }
    printf("Enter number of elements in second array: ");
    scanf("%d", &n2);
    printf("Enter %d elements:\n", n2);
    for(i = 0; i < n2; i++) {
        scanf("%d", &arr2[i]);
    }
    for(i = 0; i < n1; i++) {
        arr3[k++] = arr1[i];
    }
    for(i = 0; i < n2; i++) {
        arr3[k++] = arr2[i];
    }
    printf("Concatenated array:\n");
    for(i = 0; i < n1 + n2; i++) {
        printf("%d ", arr3[i]);
    }
    printf("\n");
    return 0;
}

```

C:\Users\upper\OneDrive\DATA STRUCTRES\ascending and decinding .exe

```

Enter number of elements in first array: 5
Enter 5 elements:
1 4 5 2 6
Enter number of elements in second array: 5
Enter 5 elements:
1 8 2 5 6
Concatenated array:
1 4 5 2 6 1 8 2 5 6

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Process exited after 13.47 seconds with return value 0
Press any key to continue . . .

```