```
#include <stdio.h>
void sort(int t,int arr3[t]) //Bubble sort
{
int temp;
 for(int i = 0;i<t-1;i++)
{
for(int j=0;j<t-i-1;j++)
{
if(arr3[j]>arr3[j+1])
{
temp=arr3[j];
arr3[j]=arr3[j+1];
arr3[j+1]=temp;
}
}
}
printf("sorted array \n");
for(int i=0;i<t;i++)
{
printf("%d \n",arr3[i]);
}
}
void addingelements(int n,int m)  //addingelements function
{
int t=m+n;
int arr1[n],arr2[m];
int arr3[t];
printf("Enter the elements in array 1:\n");
for (int i = 0; i < n; i++) {
        printf("arr1[%d] = ", i+1);
        scanf("%d", &arr1[i]);
        }
printf("Enter the elements in array 2:\n");
for (int i = 0; i < m; i++) {
        printf("arr2[%d] = ", i+1);
        scanf("%d", &arr2[i]);
        }
        for(int i = 0;i<m;i++)
        {
        arr3[i]=arr2[i];
        }
        for(int i = 0;i<n;i++)
        {
        arr3[m+i]=arr1[i];
```

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        }
        sort(t,arr3); // calling sort function
}

int main()
{
        int n,m;
        printf("Enter the number of elements you want to add in array 1:\n");
        scanf("%d", &n);
        printf("Enter the number of elements you want to add in array 2:\n");
        scanf("%d", &m);
        addingelements(n,m); // calling addingelements function
        return 0;
}
```

Output :