

```
#include<iostream.h>
#include<conio.h>
void main()
{
    clrscr();
    int a[50] , b[50] ,c[100] , n , m , k=0;
    cout<<"enter the number of elements of first array"<<" ";
    cin>>n;
    cout<<"enter the elements of first array"<<" ";
    for(int i=0 ; i < n ; i++ )
    cin>>a[i];
    cout<<"enter the number of elements of second array"<<" ";
    cin>>m;
    cout<<"enter the elements of second array"<<" ";
    for( int j=0 ; j < m ;j++ )
    cin>>b[j];
    for(i=0;i<n;i++)
        c[i]=a[i];
    for(j=n;j<m+n;j++)
        c[j]=b[k++];
    for(i=0 ; i<m+n ; i++)
    {
        for(j=0 ; j<m+n-1 ; j++)
        {
            if(c[j]>c[j+1])
            {
                int temp=c[j];
                c[j]=c[j+1];
                c[j+1]=temp;
            }
        }
    }
    cout<<"merged array in ascending order is \n";
    for(k=0 ; k<m+n ; k++)
    cout<<" "<<c[k];
    getch();
}
```

```
enter the number of elements of first array 5
enter the elements of first array 11
12
32
12
22
enter the number of elements of second array 5
enter the elements of second array 34
43
23
21
23
merged array in ascending order is
11 12 12 21 22 23 23 32 34 43_
```

