```cpp
#include<iostream.h>
#include<conio.h>
int i,j,temp;

void ASC(int a[],int m)
{
   cout<<"Data after sorting: ";
   for(i=0;i<m;i++)
   {
      for(j=0;j<m-1-i;j++)
      {
         if(a[j]>a[j+1])
         {
   temp=a[j];
   a[j]=a[j+1];
   a[j+1]=temp;
         }
      }
   }
   for(j=0;j<m;j++)
      cout<<a[j]<<" ";
}

void DESC(int a[],int m)
{
   cout<<"Data after sorting: ";
   for(i=0;i<m;i++)
   {
      for(j=0;j<m-1-i;j++)
      {
   if(a[j]<a[j+1])
   {
       temp=a[j];
       a[j]=a[j+1];
       a[j+1]=temp;
   }
      }
   }
   for(j=0;j<m;j++)
      cout<<a[j]<<" ";
}

void main()
{
   clrscr();
   int ar[20],m,l;
   char ch;
   cout<<"\n* * * * * * SORTING OF ELEMENTS * * * * * * *";
   cout<<"\n  1. Ascending Order";
   cout<<"\n  2. Descending Order";
   cout<<"\n\nEnter your choice:>";
   cin>>ch;
   cout<<"\n\nEnter the number of elements you want to enter:>";
   cin>>m;
   cout<<"\nEnter elements:\n>";
   for(l=0;l<m;l++)
   {
      cin>>ar[l];
   }
   switch(ch)
   {
      case '1':ASC(ar,m);
         break;
      case '2':DESC(ar,m);
         break;
      default:cout<<"\nPlease enter a valid option...";
   }
   getch();
}
```

```
* * * * * * * SORTING OF ELEMENTS * * * * * * *
   1. Ascending Order
   2. Descending Order

Enter your choice:>1


Enter the number of elements you want to enter:>7

Enter elements:
>54 78 23 65 15 63 10
Data after sorting: 10 15 23 54 63 65 78 _
```

```
* * * * * * * SORTING OF ELEMENTS * * * * * * *
   1. Ascending Order
   2. Descending Order

Enter your choice:>2


Enter the number of elements you want to enter:>7

Enter elements:
>56 58 13 61 18 26 34
Data after sorting: 61 58 56 34 26 18 13 _
```