



main.c

```

1  #include <stdio.h>
2  void bubblesort(int list[],int size)
3  {
4      int temp,i,j;
5      for(i=0;i<size;i++)
6      {
7          for(j=i+1;j<size;j++) [
8              {
9                  if(list[i]>list[j])
10                     {
11                         temp=list[i];
12                         list[i]=list[j];
13                         list[j]=temp;
14                     }
15             }
16     }
17 }
18 int main()
19 {
20     int size,i,list[25];
21     printf("Enter the size of the list: ");
22     scanf("%d",&size);
23     printf("Enter the elements: ");
24     for(i=0;i<size;i++)
25     {
26         scanf("%d",&list[i]);
27     }
28     bubblesort(list,size);
29     printf("list after bubblesort: ");

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15     }
16 }
17 }
18 int main()
19 {
20     int size,i,list[25];
21     printf("Enter the size of the list: ");
22     scanf("%d",&size);
23     printf("Enter the elements: ");
24     for(i=0;i<size;i++)
25     {
26         scanf("%d",&list[i]);
27     }
28     bubblesort(list,size);
29     printf("list after bubblesort: ");
30     for(i=0;i<size;i++)
31     {
32         printf("%d ",list[i]);
33     }
34 }
```


Console

Shell

```
❯ clang-7 -pthread -lm -o main main.c
```

```
❯ ./main
```

```
Enter the size of the list: 3
```

```
Enter the elements: -12
```

```
54
```

```
-7
```

```
list after bubblesort: -12 -7 54 ❯
```