

```
#include<stdio.h>
```

```
int main(){
```

```
    int n;
```

```
    printf("Enter size :\n");
```

```
    scanf("%d",&n);
```

```
    int a[n];
```

```
    printf("Enter elements\n");
```

```
    for(int i = 0; i < n; i++) {
```

```
        scanf("%d",&a[i]);
```

```
    }
```

```
    // Bubble sort
```

```
    for(int i = 0; i < n-1; i++) {
```

```
        for(int j = 0; j < n-i-1; j++) {
```

```
            if(a[j] > a[j+1]) {
```

```
                int t = a[j];
```

```
                a[j] = a[j+1];
```

```
                a[j+1] = t;
```

```
            }
```

```
        }
```

```
    }
```

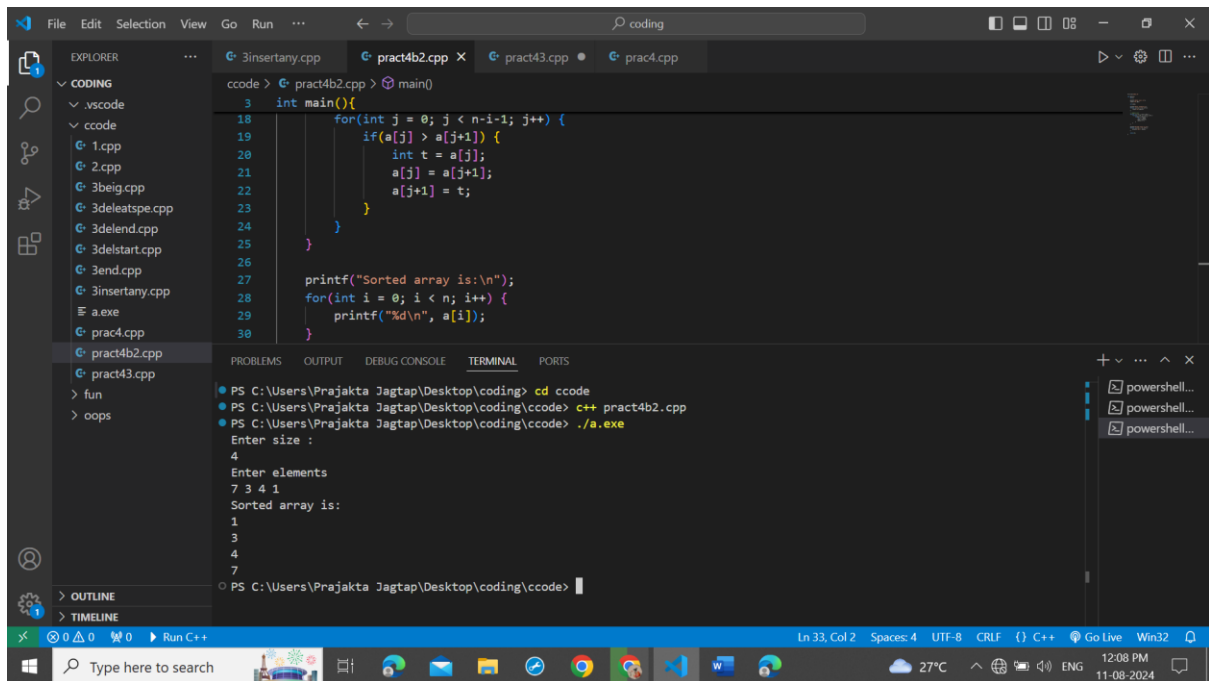
```
    printf("Sorted array is:\n");
```

```
    for(int i = 0; i < n; i++) {
```

```
        printf("%d\n", a[i]);
```

```
    }
```

```
return 0;  
}
```



```
File Edit Selection View Go Run ... coding  
EXPLORER  
CODING  
  .vscode  
  ccode  
    1.cpp  
    2.cpp  
    3beig.cpp  
    3deleatspe.cpp  
    3delend.cpp  
    3delstart.cpp  
    3end.cpp  
    3insertany.cpp  
    a.exe  
    prac4.cpp  
    pract4b2.cpp  
    pract43.cpp  
  > fun  
  > oops  
  > OUTLINE  
  > TIMELINE  
pract4b2.cpp  
cocode > pract4b2.cpp > main()  
3  int main(){  
18      for(int j = 0; j < n-i-1; j++) {  
19          if(a[j] > a[j+1]) {  
20              int t = a[j];  
21              a[j] = a[j+1];  
22              a[j+1] = t;  
23          }  
24      }  
25  }  
26  
27  printf("Sorted array is:\n");  
28  for(int i = 0; i < n; i++) {  
29      printf("%d\n", a[i]);  
30  }  
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS  
PS C:\Users\Prajakta Jagtap\Desktop\coding> cd ccode  
PS C:\Users\Prajakta Jagtap\Desktop\coding\ccode> c++ pract4b2.cpp  
PS C:\Users\Prajakta Jagtap\Desktop\coding\ccode> ./a.exe  
Enter size :  
4  
Enter elements  
7 3 4 1  
Sorted array is:  
1  
3  
4  
7  
PS C:\Users\Prajakta Jagtap\Desktop\coding\ccode>  
Ln 33, Col 2 Spaces: 4 UTF-8 CRLF {} C++ Go Live Win32  
Type here to search 27°C 12:08 PM 11-08-2024
```