EXPLORER   ···   e   C fib.c   ●   C Floyds.c   C knapsack.c   C warshalls.c   C heap_sort.c ✕   ☰ Untitled-1   C prims.c   C kruskal

∨ ADA WORKSPACE (WORKS...   lab programs ⟩ C heap_sort.c ⟩ 𝌆 heap_sort(int [], int)

```c
 56                    }
 57                }
 58            a[r]=item;
 59        }
 60
 61
 62    void heap_sort(int a[],int n){
 63    int i,temp;
 64    heap_tree_construction(a,n);
 65    for(i=n-1;i>0;i--){
 66        temp=a[0];
 67        a[0]=a[i];
```

PROBLEMS   OUTPUT   **TERMINAL**   DEBUG CONSOLE

```
PS C:\Users\Pooja K\OneDrive\Desktop\lab programs> cd "c:\Users\Pooja K\OneDrive\Desktop\lab programs\" ; if ($?) { gcc hea
p_sort.c -o heap_sort } ; if ($?) { .\heap_sort }
ENTER THE NUMBER OF ELEMENTS
6
ENTER THE ELEMENTS OF THE ARRAY
11
2
59
35
222
1

SORTED ARRAY:
1
2
11
35
59
222
PS C:\Users\Pooja K\OneDrive\Desktop\lab programs> █
```

Files in explorer:
- C BFS.c
- ☰ BFS.exe
- C Binary_search.c
- ☰ Binary_search.exe
- C DFS.c
- ☰ DFS.exe
- C fib.c
- ☰ fib.exe
- C Floyds.c
- ☰ Floyds.exe
- C GCD_iterative.c
- ☰ GCD_iterative.exe
- C GCD_recursive.c
- ☰ GCD_recursive.exe
- C heap_sort.c
- ☰ heap_sort.exe
- C insetion_sort.c
- ☰ insetion_sort.exe
- C johnson_trotter.c
- ☰ johnson_trotter.exe
- C knapsack.c
- ☰ knapsack.exe
- C kruskals.c
- ☰ kruskals.exe
- C Linear_search.c

⟩ OUTLINE