

#### ADA LAB 5

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## Ques 1:

### **INPUT:**

```
PROBLEMS 3 OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

PS C:\Users\somsi\ada_lab\lab_5> cd "c:\Users\somsi\ada_lab\lab ENTER NO. OF ELEMENTS IN ARRAY

ENTER NO. OF ELEMENTS

5 4 3 1 2
```

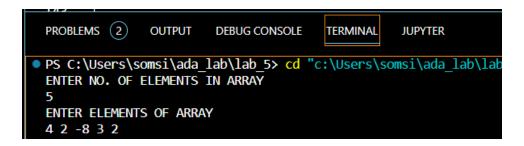
### **OUTPUT:**

```
Sorted Array using heapsort is:
1 2 3 4 5
Level order traversal of array is:
Level <----> 0 : 5
Level <----> 1 : 4 3
Level <---> 2 : 2 1
time taken : 10.248 secs

PS C:\Users\somsi\ada_lab\lab_5>
```

# Ques 2:

### **INPUT:**



# **OUTPUT**:

```
MAXIMUM SUM OF SUBARRAY IS 6

ARRAY IS :-
4 2

o time taken : 7.085 secs
PS C:\Users\somsi\ada_lab\lab_5>
```