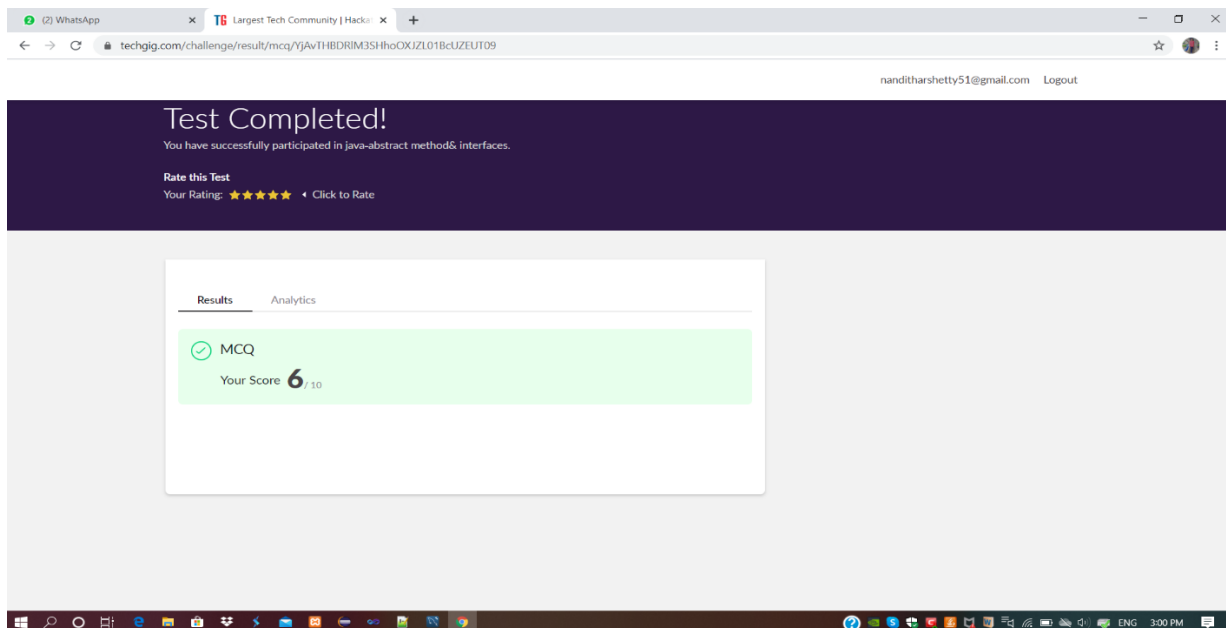
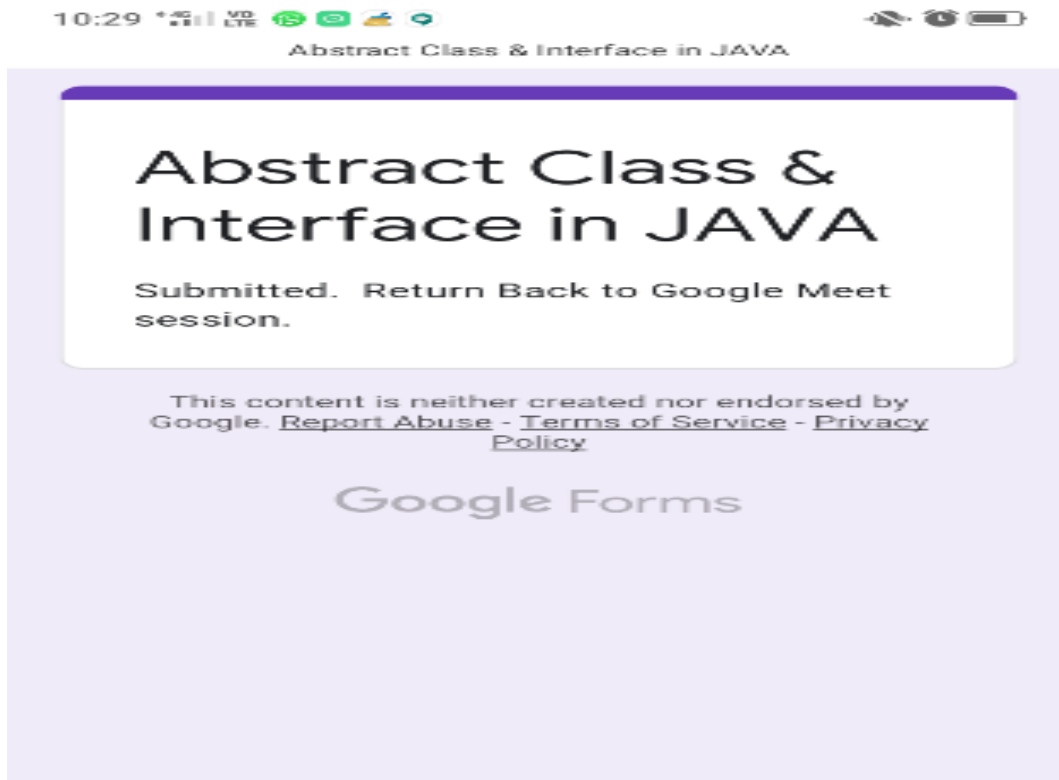


## DAILY ONLINE ACTIVITIES SUMMARY

|                                                  |                                                                 |                                                                                                             |                                     |
|--------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------|
| <b>Date:</b>                                     | 23-06-2020                                                      | <b>Name:</b>                                                                                                | Nanditha.R.Shetty                   |
| <b>Sem &amp; Sec</b>                             | 6 <sup>th</sup> sem, 'A' sec                                    | <b>USN:</b>                                                                                                 | 4AL17CS054                          |
| <b>Online Test Summary</b>                       |                                                                 |                                                                                                             |                                     |
| <b>Subject</b>                                   | Java and J2EE<br>Data Structures in C<br>Python Assignment Test |                                                                                                             |                                     |
| <b>Max. Marks</b>                                | Java – 10<br>DSC - --<br>Python - 20                            | <b>Score</b>                                                                                                | Java – 6<br>DSC - --<br>Python - 16 |
| <b>Certification Course Summary</b>              |                                                                 |                                                                                                             |                                     |
| <b>Course</b>                                    | -                                                               |                                                                                                             |                                     |
| <b>Certificate Provider</b>                      | -                                                               | <b>Duration</b>                                                                                             | -                                   |
| <b>Coding Challenges</b>                         |                                                                 |                                                                                                             |                                     |
| <b>Problem Statement:</b> 1 C and 1 java program |                                                                 |                                                                                                             |                                     |
| <b>Status:</b> executed                          |                                                                 |                                                                                                             |                                     |
| <b>Uploaded the report in GitHub</b>             |                                                                 | Yes                                                                                                         |                                     |
| <b>If yes Repository name</b>                    |                                                                 | <a href="https://github.com/nandithashetty/DAILY-STATUS">https://github.com/nandithashetty/DAILY-STATUS</a> |                                     |
| <b>Uploaded the report in slack</b>              |                                                                 | Yes                                                                                                         |                                     |

## Online Test Details:

Java and J2EE:



## Python Assignment Test:

Test Completed!  
You have successfully participated in PAP Assignment 4.

Rate this Test  
Your Rating: ★★★★★ Click to Rate

Results Analytics

Round1  
Your Score **16** / 20

techgig.com/challenge/result/round1/cfIV2V292cGxtaG4yWFRJdUxOUXdIQTO9

nanditharshetty51@gmail.com Logout

## Data Structures in C:

12:15 4G LTE

Stack

# Stack

Your response has been recorded.

This content is neither created nor endorsed by Google. [Report Abuse](#) - [Terms of Service](#) - [Privacy Policy](#)

Google Forms

# Stack Applications

Your response has been recorded.

This content is neither created nor endorsed by Google. [Report Abuse](#) - [Terms of Service](#) - [Privacy Policy](#)

Google Forms

## Workshop Details:

Java and J2EE :

Java SLP Pre Placement Session - PowerPoint (Product Activation Failed)

HOME INSERT DESIGN TRANSITIONS ANIMATIONS SLIDE SHOW REVIEW VIEW

REC

ALVA'S Education Foundation®

ALVAS INSTITUTE OF ENGINEERING AND TECHNOLOGY

PRE-PLACEMENT TRAINING 2020-21

Topic: **JAVA & J2EE @ 9:15am**

By – Mr. Sharan Lionel Pais  
Assistant Professor  
Dept. of ISE, AIET.

Click to add notes

SLIDE 1 OF 36 ENGLISH (INDIAN)

NOTES COMMENTS

Sign in

63

You

Sharan P...

PREETHI...

REC

Click to add title

| Operation | Stack   | Pop Sequence  |
|-----------|---------|---------------|
| Push 1    | 1       |               |
| Push 2    | 1, 2    |               |
| Pop       | 1       | 2             |
| Push 1    | 1, 1    |               |
| Push 2    | 1, 1, 2 |               |
| Pop       | 1, 1    | 2, 2          |
| Pop       | 1       | 2, 2, 1       |
| Pop       | Empty   | 2, 2, 1, 1    |
| Push 2    | 2       |               |
| Pop       | Empty   | 2, 2, 1, 1, 2 |

Participants: You, merlyn m...

## Coding Challenges Details:

### Program 1

This is output of C program to sort a stack using Temporary Stack.

```

1  #include <stdio.h>
2  #include <stdlib.h>
3
4  struct stack
5  {
6      int data;
7      struct stack *next;
8  };
9
10 void initStack(struct stack **s)
11 {
12     *s = NULL;
13 }
14
15 int isEmpty(struct stack *s)
16 {
17     if (s == NULL)
18         return 1;
19     return 0;
20 }
21
22 void push(struct stack **s, int x)
23 {
24     struct stack *new = (struct stack *)malloc(sizeof(struct stack));
25     new->data = x;
26     new->next = *s;
27     *s = new;
28 }
29
30 int main()
31 {
32     struct stack *s = NULL;
33     push(&s, 3);
34     push(&s, 18);
35     push(&s, -5);
36     push(&s, 30);
37
38     printf("Stack elements before sorting:\n");
39     while (!isEmpty(s))
40     {
41         printf("%d ", s->data);
42         s = s->next;
43     }
44     printf("\n");
45
46     printf("Stack elements after sorting:\n");
47     while (!isEmpty(s))
48     {
49         printf("%d ", s->data);
50         s = s->next;
51     }
52     printf("\n");
53
54     return 0;
55 }

```

input

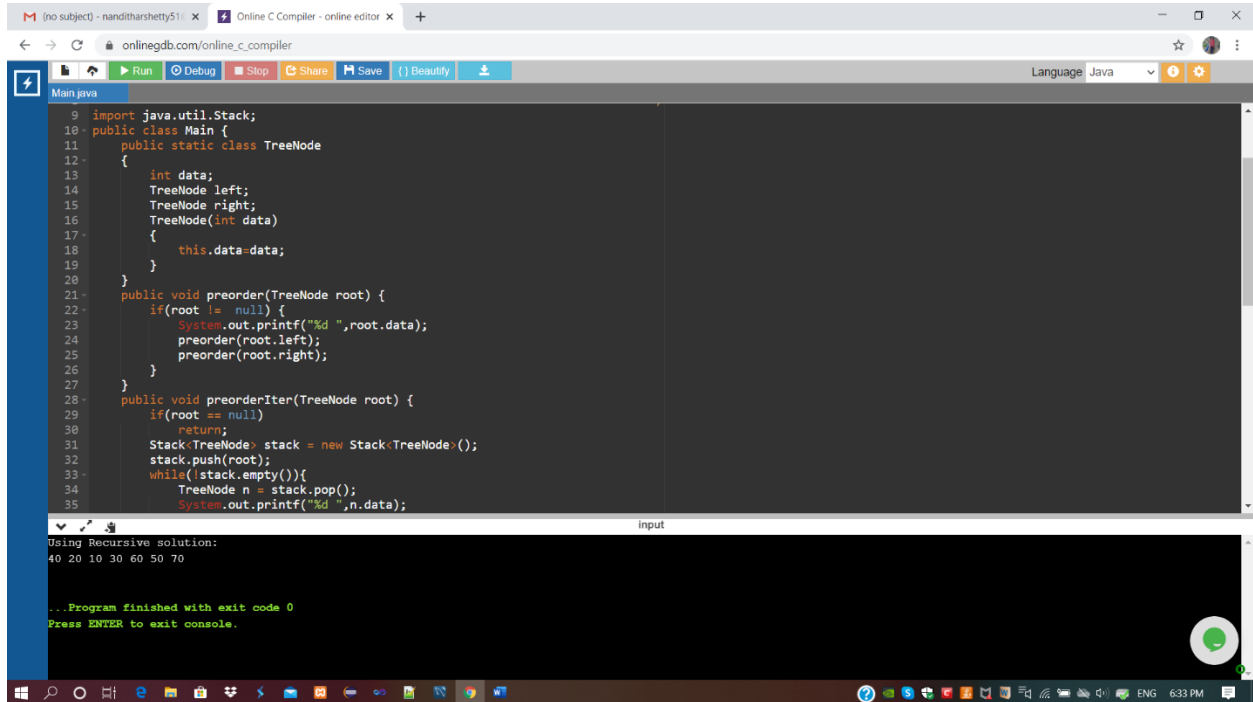
Stack elements before sorting:  
-3 18 -5 30

Stack elements after sorting:  
30 18 14 -3 -5

...Program finished with exit code 0  
Press ENTER to exit console.

## Program 2:

This is the output of the Java Program to traverse a binary tree using PreOrder traversal without recursion.



The screenshot shows a web browser window with the URL `onlinegdb.com/online_c_compiler`. The page displays a Java code editor with the following code:

```
9 import java.util.Stack;
10 public class Main {
11     public static class TreeNode
12     {
13         int data;
14         TreeNode left;
15         TreeNode right;
16         TreeNode(int data)
17         {
18             this.data=data;
19         }
20     }
21     public void preorder(TreeNode root) {
22         if(root != null) {
23             System.out.printf("%d ",root.data);
24             preorder(root.left);
25             preorder(root.right);
26         }
27     }
28     public void preorderIter(TreeNode root) {
29         if(root == null)
30             return;
31         Stack<TreeNode> stack = new Stack<TreeNode>();
32         stack.push(root);
33         while(!stack.empty()){
34             TreeNode n = stack.pop();
35             System.out.printf("%d ",n.data);
36         }
37     }
38 }
```

Below the code editor, the output console shows the following text:

```
Using Recursive solution:
40 20 10 30 60 50 70

...Program finished with exit code 0
Press ENTER to exit console.
```

Refer GitHub for detailed information:

<https://github.com/nandithashetty/DAILY-STATUS/tree/master/23-06-2020/ONLINE%20CODING>

This Report is also available in:

<https://github.com/nandithashetty/DAILY-STATUS/tree/master/23-06-2020>