DAILY ONLINE ACTIVITIES SUMMARY

Date:	**23/06/2020**	**Name:**	**Pramod R**
Sem & Sec	**4th sem B section**	**USN:**	**4AL18CS059**

Online Test Summary

Subject	**-**		
Max. Marks	**-**	**Score**	**-**

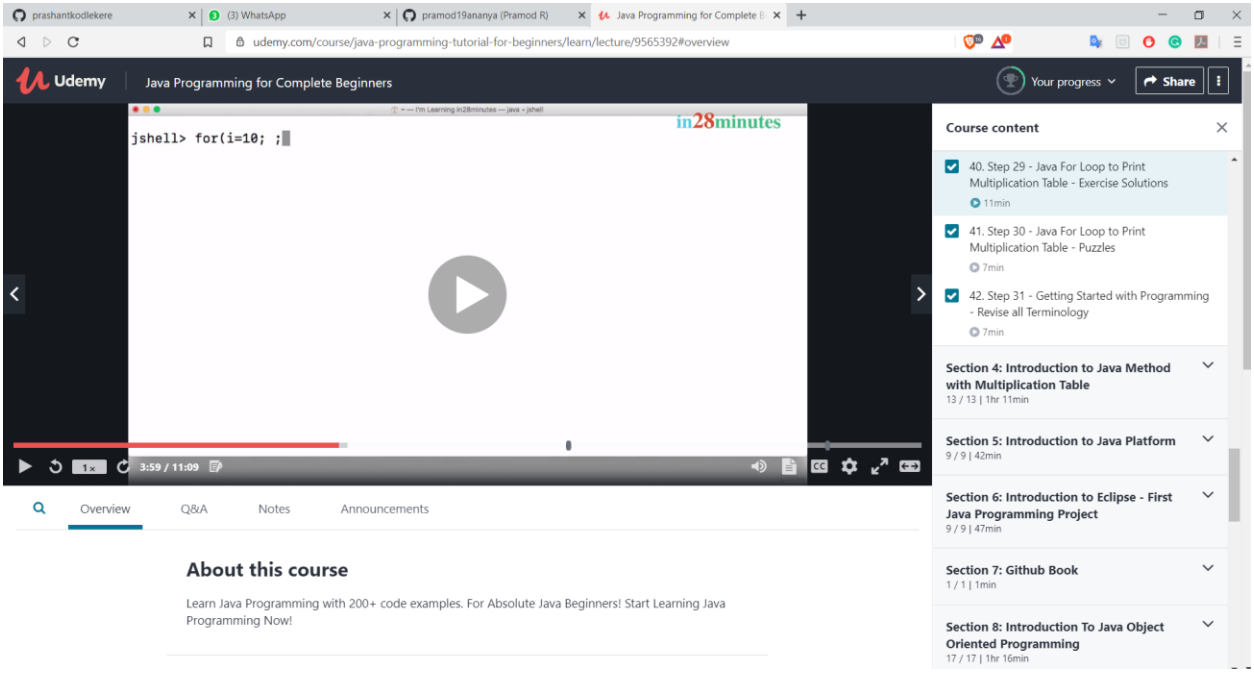
Certification Course Summary

Course	**Java Programming for Complete Beginners**		
Certificate Provider	**Udemy**	**Duration**	**1 Hour**

Coding Challenges

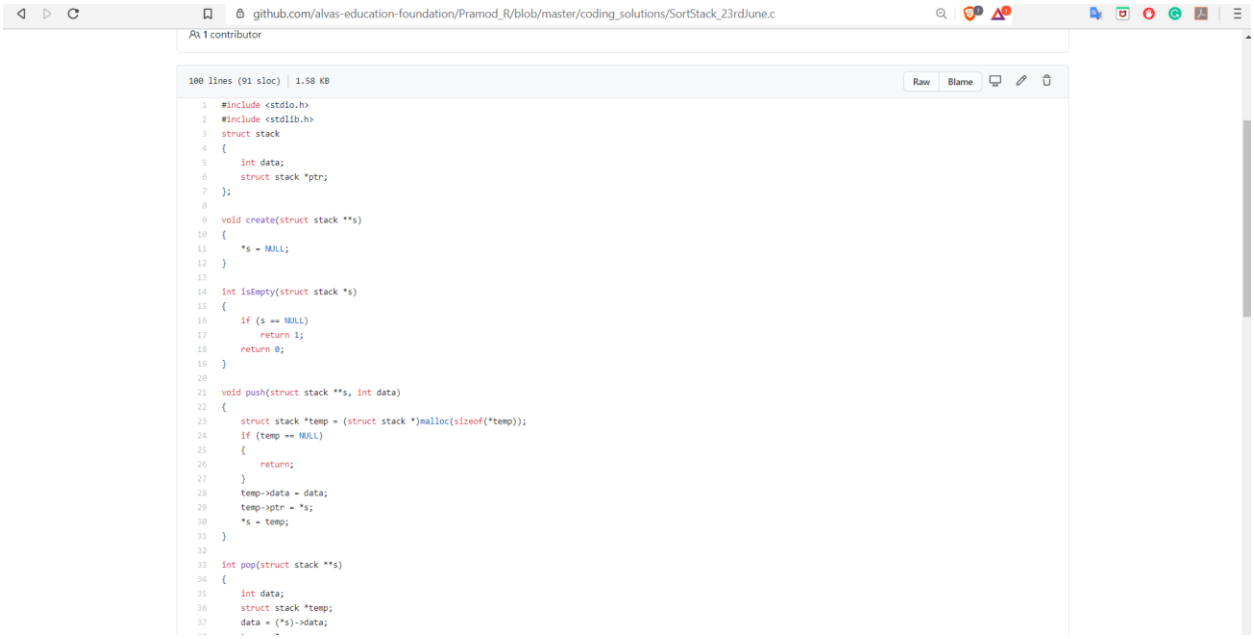
Problem Statement: Write a C program to Sort a stack using a temporary stack.	
Status: Completed	
Uploaded the report in Github	**YES**
If yes Repository name	https://github.com/alvas-education-foundation/Pramod_R
Uploaded the report in slack	**YES**

Certification Course Details: (Attach the snapshot and briefly write the report for the same)



The course I have chosen during the lockdown period is **Java Programming for Complete Beginners**. Since I had previously knew few topics about Java I am continuing this course. Since Java is used in major application development, I have chosen this course.

Coding Challenges Details: (Attach the snapshot and briefly write the report for the following)




```c
#include <stdio.h>
#include <stdlib.h>
struct stack
{
    int data;
    struct stack *ptr;
};

void create(struct stack **s)
{
    *s = NULL;
}

int isEmpty(struct stack *s)
{
    if (s == NULL)
        return 1;
    return 0;
}

void push(struct stack **s, int data)
{
    struct stack *temp = (struct stack *)malloc(sizeof(*temp));
    if (temp == NULL)
    {
        return;
    }
    temp->data = data;
    temp->ptr = *s;
    *s = temp;
}

int pop(struct stack **s)
{
    int data;
    struct stack *temp;
    data = (*s)->data;
```

The question I took to code is:

Write a C program to Sort a stack using a temporary stack.

Solution: The above snapshot is the code which I have uploaded in my Github repository