

DAILY ONLINE ACTIVITIES SUMMARY

Date:	23/06/2020	Name:	Divya C H
Sem & Sec	8 th Sem	USN:	4AL16CS033
Online Test Summary			
Subject	- -		
Max. Marks	- -	Score	- -
Certification Course Summary			
Course	C programming for beginners – Master the C Fundamentals		
Certificate Provider	udemy.com/	Duration	11 hrs
Coding Challenges			
Problem Statement: 1) Write a C Program to Sort a stack using a temporary stack			
Status: Completed			
Uploaded the report in Github		Yes	
If yes Repository name		Daily_report	
Uploaded the report in slack		yes	

Online Test Details:

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Certification Course Details:

The screenshot shows a web browser window with multiple tabs. The active tab is 'C Programming for Beginners - Master the C Fundamentals'. The browser address bar shows the URL: udemy.com/course/c-programming-for-beginners-programming-in-c/learn/lecture/203509137LSNPUBID=tHnUyAHsRvI&components=buy_button%2Cdiscount_expir...

The Udemy course page features a large video player with a play button in the center. Below the video player, there are tabs for 'Overview', 'Q&A', 'Notes', and 'Announcements'. The 'Overview' tab is selected, showing the course title 'C Programming for Beginners - Master the C Fundamentals' and a description: 'Master the Fundamentals of Programming in C Programming Language'.

On the right side, there is a 'Course content' sidebar. It lists various lessons and challenges, each with a duration. The lessons are:

- 34. Challenge #3 - Solution (8 min)
- 35. Milestone 2 - Weather Station A (3 min)
- 36. General SWAP in Programming (3 min)
- 37. SWAP in C Language (4 min)

Below these, there is a section titled 'Section 6: Conditions' with a sub-header '3 / 19 | 1hr 53min'. The lessons in this section are:

- 38. Control Flow - Introduction (2 min)
- 39. Congratulations / Failed - How should you decide? (5 min)
- 40. Congratulations in C! (7 min)

The Windows taskbar at the bottom shows the date and time as 20:31 on 25-06-2020.

Coding Challenges Details:

Program 1:

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

```
int stack[100],temps[100],temp,choice,n,top,ttop,x,i;
```

```
void push(int x)
```

```
{
```

```
    top++;
```

```
    stack[top]=x;
}

void pop()
{
    temp = stack[top];

    top--;
}

void display()
{
    if(ttop>=0)
    {
        printf("\n The sorted elements in STACK \n");

        for(i=ttop; i>=0; i--)
            printf("\n%d",temps[i]);
    }

    else
    {
        printf("\n The STACK is empty");
    }
}
```

```
int main()

{

    top=-1;

    ttop =-1;

    printf("\n Enter the size of STACK[MAX=100]:");

    scanf("%d",&n);

    printf("Enter the elements in the stack:\n");

    for(i=0; i<n;i++)

    {

        printf("Enter a value to be pushed:");

        scanf("%d",&x);

        push(x);

    }


    while(top != -1)

    {

        pop();

        while(ttop != -1 && temps[ttop] > temp)

        {

            push(temps[ttop]);

            ttop--;
```

```
    }  
    ttop++;  
    temps[ttop] = temp;  
}  
display();  
}
```