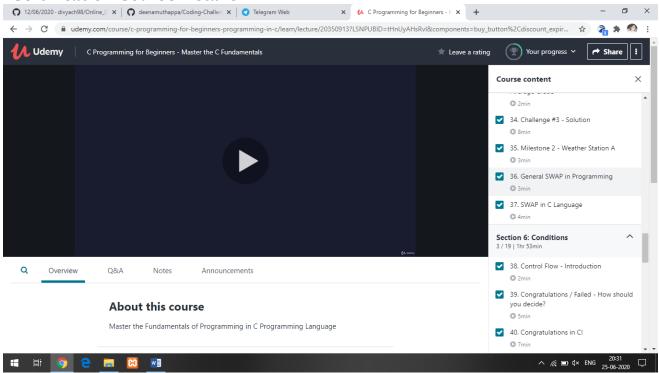
## **DAILY ONLINE ACTIVITIES SUMMARY**

Date:	23/06/2020		Name:	Divya C H	
Sem &	8 <sup>th</sup> Sem		USN:	4AL16CS033	
Sec					
Online Test Summary					
Subject					
Max. Marks			Score		
Certification Course Summary					
Course	C programming for beginners - Master the C Fundamentals				
Certificate		udemy.com/	Duration		11 hrs
Provider					
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 repo	rt in slack	yes		

## **Online Test Details:**

- -

## **Certification Course Details:**



## **Coding Challenges Details:**

```
Program 1:
#include<stdio.h>
intstack[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("Enteravalue 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();
}
```