

DAILY ONLINE ACTIVITIES SUMMARY

Date:	23-06-2020	Name:	Ainab
Sem & Sec	VIII Semester & A Section	USN:	4AL16CS004
Online Test Summary			
Subject	-		
Max. Marks	-	Score	-
Certification Course Summary			
Course	Introduction to Serverless Development		
Certificate Provider	Amazon Web Service	Duration	25 minutes
Coding Challenges			
Problem Statement: Write a C program to sort a stack using temporary stack			
Status: COMPLETED			
Uploaded the report in Github		YES	
If yes Repository name		Ainab004	
Uploaded the report in slack		YES	

Online Test Details:

NIL

Certification Course



Coding Challenges Details:

Program1:

#include<stdio.h>		
		int stack[100], temps[100], temp, choice, n, top,
		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();
		}