

## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	23-06-2020	<b>Name:</b>	Deepika K V
<b>Sem &amp; Sec</b>	8 <sup>th</sup> sem 'A' sec	<b>USN:</b>	4AL16CS030
<b>Online Test Summary</b>			
<b>Subject</b>	--		
<b>Max. Marks</b>	--	<b>Score</b>	-
<b>Certification Course Summary</b>			
<b>Course</b>	Learn Projects in Javascript and JQuery		
<b>Certificate Provider</b>	eduonix	<b>Duration</b>	9 hrs
<b>Coding Challenges</b>			
<b>Problem Statement:</b> Write a C program to sort a stack using temporary stack.			
<b>Status:</b> SUBMITTED			
<b>Uploaded the report in Github</b>		<b>YES</b>	
<b>If yes Repository name</b>		<b>Codes</b>	
<b>Uploaded the report in slack</b>		<b>YES</b>	

## Online test details:

## Certification Course Details:



## Coding Challenge:

```
#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()
{
    //clrscr();
    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();
}

```

