DAILY ONLINE ACTIVITIES SUMMARY

Date:	23-06-2020	Name:	Nayan. P. Joshi
Sem & Sec	8th Sem A	USN:	4AL16CS058

Online Test Summary			
Subject	--------------		
Max. Marks	--------------	Score	----------------

Certification Course Summary			
Course	Front end Development - HTML		
Certificate Provider	Great learning academy	Duration	6hrs

Coding Challenges			
Problem Statement: Write a C Program to Sort a stack using a temporary stack			
Status: Solved			
Uploaded the report in GitHub		yes	
If yes Repository name		nayan1998	
Uploaded the report in slack		yes	

Creating an HTML File   Your Score: 1/1

3. HTML Structure   3m   ✓

HTML Structure   Evaluation Pending

4. Paragraph Tags   5m   ✓

Paragraph Tags   Evaluation Pending

5. More on Head Tags   6m   ✓

More on HEAD Tags   Your Score: 0/1

6. Heading tag   8m   ✓

Heading Tag

7. Hr and Br Tags   5m   ✓

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23-06-2020

Write a C Program to Sort a stack using a temporary stack

```cpp
#include <bits/stdc++.h>
using namespace std;

stack<int> sortStack(stack<int> &input)
{
    stack<int> tmpStack;

    while (!input.empty())
    {
        int tmp = input.top();
        input.pop();

        while (!tmpStack.empty() && tmpStack.top() > tmp)
        {
            input.push(tmpStack.top());
            tmpStack.pop();
        }

        tmpStack.push(tmp);
    }

    return tmpStack;
}

int main()
{
    stack<int> input;
    input.push(34);
```

```cpp
    input.push(3);
    input.push(31);
    input.push(98);
    input.push(92);
    input.push(23);

    stack<int> tmpStack = sortStack(input);
    cout<<"Numbers before Sorting are\n";
    cout<<"34 3 31 98 92 23\n";
    cout << "Sorted numbers are:\n";

    while (!tmpStack.empty())
    {
        cout << tmpStack.top()<< " ";
        tmpStack.pop();
    }
}
```