DAILY ONLINE ACTIVITIES SUMMARY

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Date:** | **23/6/2020** | | | | **Name:** | **Sushmitha Shet** | |
| **Sem & Sec** | **8 B** | | | | **USN:** | **4al16cs110** | |
| Online Test Summary | | | | | | | |
| **Subject** | | **Not conducted.** | | | | | |
| **Max. Marks** | | **-** | | **Score** | | **-** | |
| Certification Course Summary | | | | | | | |
| **Course** | **Introduction to Information Security.** | | | | | | |
| **Certificate Provider** | | | **Great Learning** | **Duration** | | | **5.5 hrs** |
| Coding Challenges | | | | | | | |
| **Problem Statement:**  Write a c program to sort a stack using a temporary stack. | | | | | | | |
| **Status:-solved hi** | | | | | | | |
| **Uploaded the report in Github** | | | | **Yes** | | | |
| **If yes Repository name** | | | | **sushmithashet** | | | |
| **Uploaded the report in slack** | | | | **Yes** | | | |

Online coding:

Write a c program to sort a stack using a temporary stack.

import java.util.\*;

class SortStack

{

public static Stack<Integer> sortstack(Stack<Integer>

input)

{

Stack<Integer> tmpStack = new Stack<Integer>();

while(!input.isEmpty())

{

int tmp = input.pop();

while(!tmpStack.isEmpty() && tmpStack.peek()

> tmp)

{

input.push(tmpStack.pop());

}

tmpStack.push(tmp);

}

return tmpStack;

}

public static void main(String args[])

{

Stack<Integer> input = new Stack<Integer>();

input.add(34);

input.add(3);

input.add(31);

input.add(98);

input.add(92);

input.add(23);

Stack<Integer> tmpStack=sortstack(input);

System.out.println("Sorted numbers are:");

while (!tmpStack.empty())

{

System.out.print(tmpStack.pop()+" ");

}

}

}