DAILY ONLINE ACTIVITIES SUMMARY

Date:	**24/06/2020**	**Name:**	**Ameen Ahmed**
Sem & Sec	**8th sem,A**	**USN:**	**4AL16CS009**

Online Test Summary

Subject	**-**		
Max. Marks	**-**	**Score**	**-**

Certification Course Summary

Course	**INTRODUCTION TO AWS DATA PIPELINE**		
Certificate Provider	**AWS**	**Duration**	**2hr**

Coding Challenges

Problem Statement: Program to Sort a stack using a temporary stack in java**.**

Status: Solved

Uploaded the report in Github	**Yes**
If yes Repository name	**Ameen_ahmed**
Uploaded the report in slack	**Yes**

Online Test Details: (Attach the snapshot and briefly write the report for the same)

Certification Course Details: (Attach the snapshot and briefly write the report for the same

Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)

```
/* Program to Sort a stack using a temporary stackin java.*/
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());
}
// push temp in tempory of stack
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);
// This is the temporary stack
Stack<Integer> tmpStack=sortstack(input);
System.out.println("Sorted numbers are:");
while (!tmpStack.empty())
{
```

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

Out put:

Sorted numbers are:

3 23 31 34 92 98