

## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	2/07/2020	<b>Name:</b>	Prathiksha
<b>Sem &amp; Sec</b>	8 <sup>th</sup> sem & B sec	<b>USN:</b>	4AL16CS070
<b>Online Test Summary</b>			
<b>Subject</b>	SMS		
<b>Max. Marks</b>	-	<b>Score</b>	-
<b>Certification Course Summary</b>			
<b>Course</b>	Network Ninja to Cloud Ninja.		
<b>Certificate Provider</b>	AWS	<b>Duration</b>	30 min
<b>Coding Challenges</b>			
<b>Problem Statement:</b> 1. Java Program to find Largest Number in an Array.			
<b>Status:</b> Solved			
<b>Uploaded the report in Github</b>		Yes	
<b>If yes Repository name</b>		Prathiksha	
<b>Uploaded the report in slack</b>		Yes	

## Online Test Details:

--

## Certification Course Details:

### Simplified Capacity Management

Network services are **automatically scaled** to meet demand. Therefore less time is needed to continually monitor and upgrade capacity.

#### This includes:

- Network / Application Load Balancers
- Internet/NAT/VPN Gateways
- Network Capacity between Edge Locations, Regions, AZs and VPCs
- Network Capacity between EC2 Instances: Up to 25Gbps
- Web Application Firewalls



© 2018, Amazon Web Services, Inc. or its Affiliates. All rights reserved.

**aws** training and certification

### Centralized Logging and Monitoring

**Off-cloud:** Logs fragmented across many systems. Time consuming to find root-causes... or prove that "network" is not causing an application issue.

**In the cloud:** Network traffic, AWS API calls, Server, Application & Security logs can be centralized and searchable



© 2018, Amazon Web Services, Inc. or its Affiliates. All rights reserved.

**aws** training and certification

## Changes are controlled...and automated

Environments are maintained using the “**Immutable Infrastructure**” pattern. This reduces configuration drift which can cause incidents and compliance issues.



- Changes are made by **updating the original automation script**
- Change-sets / Update Scripts are **reviewed and approved** before implementation
- New environments / major changes can be **implemented, tested and torn down**.
- Enables **Blue/Green** deployments

© 2019, Amazon Web Services, Inc. or its affiliates. All rights reserved.



**Topic:** About Network Ninja to Cloud Ninja.

### **Coding Challenges Details:**

#### **Program 1:**

```
public class LargestInArrayExample{
    public static int getLargest(int[] a, int total){
        int temp;
        for (int i = 0; i < total; i++)
        {
            for (int j = i + 1; j < total; j++)
            {
                if (a[i] > a[j])
                {
                    temp = a[i];
                    a[i] = a[j];
                    a[j] = temp;
                }
            }
        }
        return a[total-1];
    }
    public static void main(String args[]){
        int a[]={ 1,2,5,6,3,2};
        int b[]={ 44,66,99,77,33,22,55};
        System.out.println("Largest: "+getLargest(a,6));
        System.out.println("Largest: "+getLargest(b,7));
    }
}
```

Output:  
Largest: 6  
Largest: 99