

## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	3/07/2020	<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>	-		
<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. Python3 code to find nth ugly number.			
<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:

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## Certification Course Details:

### Benefits of full-stack Micro-Architecture Automation

- **Consistent** architectures that conform to agreed **standards**
- **Faster** implementation
- Decommissioning **simple** and thorough
- Simplified **financial management**

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### Automated incident detection and response

Activity in the cloud is easy to access, this enables **advanced incident detection and response**.

**Guard Duty:** Machine Learning based automatic threat detection

**AWS Shield Advanced:** Advanced anti-DDoS protection

**VPC Flow Logs + Lambda:** Identify multiple REJECTs and take action

**WAF + Lambda:** Identify anomalous traffic and automatically block

**CloudTrail + Lambda:** Quarantine suspicious EC2 instances and conduct forensics



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

## **Coding Challenges Details:**

### **Program 1:**

```
def maxDivide( a, b ):
    while a % b == 0:
        a = a / b
    return a

def isUgly( no ):
    no = maxDivide(no, 2)
    no = maxDivide(no, 3)
    no = maxDivide(no, 5)
    return 1 if no == 1 else 0

def getNthUglyNo( n ):
    i = 1
    count = 1 # ugly number count

    while n > count:
        i += 1
        if isUgly(i):
            count += 1
    return i

no = getNthUglyNo(150)
print("150th ugly no. is ", no)
```