

## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	13/6/2020	<b>Name:</b>	Vleena Mascarenhas
<b>Sem &amp; Sec</b>	8 <sup>th</sup> & B	<b>USN:</b>	4AL16CS121
<b>Online Test Summary</b>			
<b>Subject</b>	Internet Of Things		
<b>Max. Marks</b>	30	<b>Score</b>	29
<b>Certification Course Summary</b>			
<b>Course</b>	Introduction to Information Security		
<b>Certificate Provider</b>	Great Learning Academy	<b>Duration</b>	5.5 hrs
<b>Coding Challenges</b>			
<b>Problem Statement:</b> 1. Given a string, find its first non-repeating character.			
<b>Status:</b> Solved			
<b>Uploaded the report in Github</b>		yes	
<b>If yes Repository name</b>		vleena	
<b>Uploaded the report in slack</b>		yes	

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

# Test Completed!

You have successfully participated in IoT IA5.

Rate this Test

Your Rating: ★★★★★ ◀ Click to Rate

Results

Analytics

✓ MCQ

Your Score

**29** / 30

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

▶ What is the future of cryptography? ✓  
4m

Introduction to Computer Security- Video  
Lessons

▶ Introduction to Software Security ✓  
Lesson 1  
1h

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

### **Problem Statement:**

Given a string, find its first non-repeating character.

NO\_OF\_CHARS=256

```
def getCharCountArray(string):
```

```
    count=[0]* NO_OF_CHARS
```

```
    for i in string:
```

```
        count[ord(i)]+=1
```

```
    return count
```

```
def firstNonRepeating(string):
```

```
    count= getCharCountArray(string)
```

```
    index=-1
```

```
    k=0
```

```
    for i in string:
```

```
        if count[ord(i)]==1:
```

```
            index=k
```

```
            break
```

```
        k+=1
```

```
    return index
```

```
string="jackforjack "
```

```
index= firstNonRepeating(string)
```

```
if index==1:
```

```
    print "Either all characters are repeating or string is empty"
```

```
else:
```

```
print "First non-repeating character is "+string[index]
```

**OUTPUT:**

First non-repeating character is f