


DAILY ONLINE ACTIVITIES SUMMARY

Date:	20/05/20	Name:	MOHAMMAD ASHFAN
Sem & Sec	VIII A	USN:	4AL16CS054
Online Test Summary			
Subject	Internet of Things		
Max. Marks	30	Score	18
Certification Course Summary			
Course	Introduction to Ethical Hacking		
Certificate Provider	Great Learner Academy	Duration	6 Hours
Coding Challenges			
Problem Statement: 1. Java program to count the occurrence of letters in a given string 2. Python program to check whether the given number is an Armstrong number			
Status: Solved			
Uploaded the report in Github		Yes	
If yes Repository name		Mohammad_Ashfan_Coding_Challenge	
Uploaded the report in slack		Yes	

Online Test Details:





Challenge Over
by TechGig
IOT IA1

MCQ
Your Highest Score 23 Max Score 30
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Summary
Skills Understand, Analysis, Remember
Ends On 20 May

Certification Course Details:

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Introduction to Ethical Hacking
Course In Progress

CONTENT

ASSESSMENTS

Learning Videos

 Career and Growth Ladder in Ethical Hacking	18m	
 Domains and Process Implementation under Ethical Hacking	54m	
 Ethical Hacking in Network Architecture-Demonstration	48m	

Coding Challenges Details:

1. Java program to count the occurrence of letters in a given string

```
strings.java
1 // 1. Java program to count the occurrence of letters in a string.
2
3 public class strings {
4     public static void main(String[] args) {
5         String S="Hello friend";
6         int count;
7         int[] freq=new int[S.length()];
8         for(int i=0;i<S.length();i++) {
9             count=1;
10            if(freq[i]==0) {
11                for(int j=i+1;j<S.length();j++) {
12                    if((S.charAt(i))==S.charAt(j)) {
13                        count++;
14                        freq[j]=1;
15                    }
16                }
17                System.out.println(S.charAt(i)+" : "+count);
18            }
19        }
20    }
21 }
```

2. Python program to check whether the given number is an Armstrong number

```
amstrong.py
1 #Python program to check wheather the given number is an Amtrong number.
2
3 import math
4 number = int(input('Enter a number \n'))
5 temp = number
6 elements = []
7 count = 0
8 total_sum = 0
9 while number != 0:
10     rem = number % 10
11     number = number // 10
12     count += 1
13     elements.append(rem)
14 for i in range(0, count):
15     total_sum += int(math.pow(elements[i], count))
16 if total_sum == temp:
17     print('Armstrong number')
18 else:
19     print('not an Armstrong number')
```

