

## DAILY ONLINE ACTIVITIES SUMMARY

Date:	20/05/20	Name:	Safeeq b
Sem&Sec	VIII A	USN:	4AL15CS111
OnlineTestSummary			
Subject	IOT		
Max.Marks	30	Score	24
CertificationCourseSummary			
Course	PENTESTER ACADEMY		
CertificateProvider	PENTESTER Academy	Duration	8Hours
CodingChallenges			
ProblemStatement: ) Using methods charAt() & length() of String class, write a program to print the frequency of each character in a string.			
Status:Solved			
UploadedthereportinGithub		Yes	
IfyesRepositoryname		Safeeq/certifications	
Uploadedthereportinslack		Yes	

IOT test 1:

your MCQ result x Largest Tech Com x Largest Tech Com x Largest Tech Com x alvas-education-l x alvas-education-l x Slack | \* cse\_final... x Member Area x +

Not secure | techgig.com/challenge/p4wqm6zaibc3jb0?utm\_source=Mailer&utm\_medium=TG\_batch&utm\_campaign=Act\_contests&skilltestresult\_2020-05-20&email=shefsuha007@gmail.com&activi...

Logout

Challenge Over  
by TechGig  
**IOT IA1**

**MCQ**  
Your Highest Score 24 Max Score 30  
Start Test

**Summary**  
Skills Understand, Analysis, Remember  
Ends On 20 May

Details Winners FAQs **My Submission**

Sr. No.	Submitted On	Score
1	20-05-2020 09:26:14	24

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Waiting for www.googletagmanager.com...

Windows taskbar: 22:22 21-05-2020

## Online certification :

(1) WhatsApp x Pentester Academy's AttackDefense x AttackDefense Labs: Pentester x +

https://www.attackdefense.com/listing?labtype=webapp&subtype=local\_file\_inclusion 67%

**ATTACK DEFENSE**

Dashboard  
Ongoing Labs  
Latest Additions  
Community Labs

**EARN CREDENTIALS**  
Verifiable Badges

**THE BASICS**  
Network Recon  
Real World Webapps  
Remote Code Execution  
Stored XSS  
File Upload  
SQL Injection  
XML External Entity  
SSRF  
SSTI  
Command Injection  
Local File Inclusion  
Reflected XSS  
CSRF  
Arbitrary File Download  
Directory Traversal  
Broken Authentication  
Traffic Analysis  
Webapp CVEs  
Metasploit  
Offensive Python  
Network Pivoting  
Cracking  
Infrastructure Attacks

**LOCAL FILE INCLUSION**  
Real World Webapp

**Rips Scanner** completed no flag present Start

**PHP Webcam Conference** completed no flag present Start

**Zen Photo** completed no flag present Start

**WordPress IMDb Widget** completed no flag present Start

**PChart** completed no flag present Start

**Typo3 Restler Extension** completed no flag present Start

**BloofoxCMS** completed no flag present Start

**Getsimple CMS** completed no flag present Start

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Windows taskbar: 22:24 21-05-2020

1) Using methods charAt() & length() of String class, write a program to print the frequency of each character in a string.

"Hello friend"

Output should be

h: 1

e: 1

l: 2

d: 1

(continued for all character in the string)

```
package pk;
import java.util.Scanner;
public class StringOperators
{
    public static void main(String args[])
    {
        int i;
        String str;

        int counter[] = new int[256];

        Scanner in = new Scanner(System.in);

        System.out.print("Enter a String : ");

        str=in.nextLine();

        for (i = 0; i < str.length(); i++) {

            counter[(int) str.charAt(i)]++;

        }

        // Print Frequency of characters
```

```

for (i = 0; i < 256; i++) {

    if (counter[i] != 0) {

        System.out.println((char) i + ":-" + counter[i] + " times");

    }

}

}
}

```

2) Write down a java program to print even and odd numbers series respectively from two threads: t1 and t2 synchronizing on a shared object  
 Let t1 print message “ping — >” and t2 print message “,—-pong”.  
 Take as command line arguments, the following inputs to the program:  
 Sleep Interval for thread t1

Write down a java program to print even and odd numbers series respectively from two threads: t1 and t2 synchronizing on a shared object  
 Let t1 print message “ping — >” and t2 print message “,—-pong”.  
 Take as command line arguments, the following inputs to the program:  
 Sleep Interval for thread t1  
 Sleep Interval for thread t2  
 Message per cycle  
 No of cycles

```

public class PingPong extends Thread {
    static StringBuilder object = new StringBuilder("");

    public static void main(String[] args) throws InterruptedException {

        Thread t1 = new PingPong();
        Thread t2 = new PingPong();

        t1.setName("\nping");
        t2.setName(" pong");

        t1.start();
        t2.start();
    }

    @Override
    public void run() {
        working();
    }
}

```

```
}
```

```
void working() {  
    while (true) {  
        synchronized (object) {  
            try {  
                System.out.print(Thread.currentThread().getName());  
                object.notify();  
                object.wait();  
            } catch (InterruptedException e) {  
                e.printStackTrace();  
            }  
        }  
    }  
}
```