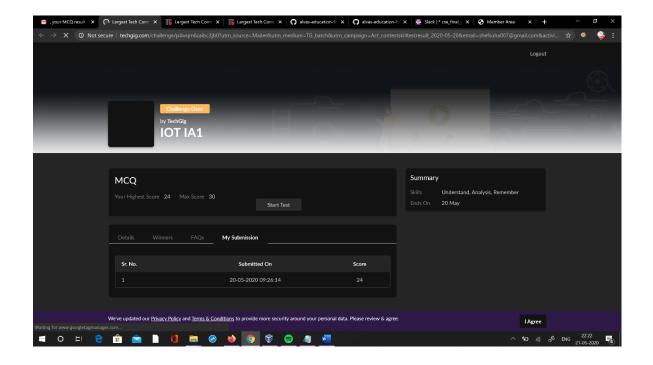
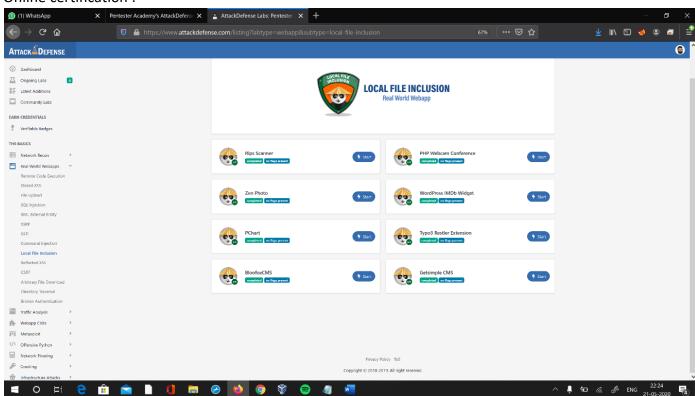
DAILYONLINEACTIVITIES SUMMARY

Date:	20/05/20		Name:	Safeeq b	
Sem&Sec	VIII A		USN:	4AL15CS111	
OnlineTestSummary					
Subject IOT					
Max.Marks	ks 30		Score	24	
CertificationCourseSummary					
Course	PENTESTER ACADEMY				
CertificateProvider		PENTESTER Acdemy	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		
Uploadedthe	ereportins	lack	Yes		

IOT test 1:



Online certification:



```
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
-: 1
d: 1
e: 2
f: 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();
}
}
}
```