

DAILY ONLINE ACTIVITIES SUMMARY

Date:	18/05/2020	Name:	Safnaaz
Sem & Sec	8 th B	USN:	4AL16CS081
Online Test Summary			
Subject	SMS		
Max. Marks	60	Score	56
Certification Course Summary			
Course	Introduction to Hadoop		
Certificate Provider	Great learning	Duration	30 mins
Coding Challenges			
Problem Statement: 1) finding frequency of each character in a string and to print even and odd for series. 2) java program			
Status: COMPLETED			
Uploaded the report in Github		YES	
If yes Repository name		Safnaazsheikh	
Uploaded the report in slack		YES	


Online Test Details:

Test on module 3 (Random number generation)

Snapshot of test

Challenge Over

SMS_I_IA Enhanced Clone At 2020-05-18
10:47:27

 by
TechGig

MCQ

Your Highest Score 56
Max Score 60

Start Test

Winners

SMS FIRST IA RE ASSESSMENT

Certification Course Details:

The screenshot shows a web browser window with the Great Learning website. The URL is olympus.greatlearning.in/courses/12378. The page title is 'Introduction to Hadoop - Great Learning'. The course is listed under 'Courses'. The 'CONTENT' tab is selected, showing a list of learning videos. The 'ASSESSMENTS' tab is also visible. The Windows taskbar at the bottom shows the date as 18-05-2020 and the time as 20:20.

Video Title	Duration	Status
Intro to Big data	15m	Completed (Green checkmark)
What is ETL	14m	Not Completed (Blue circle)
Intro to Hadoop	13m	Not Completed (Blue circle)
Distributed Computing	8m	Not Completed (Blue circle)
Hadoop Architecture	6m	Not Completed (Blue circle)
How do we Store a File in HDFS	13m	Not Completed (Blue circle)

Introduction to BigData

Big Data is a term used to describe a collection of data that is huge in volume and yet growing exponentially with time. In short such data is so large and complex that none of the traditional data management tools are able to store it or process it efficiently.

Types Of Big Data

BigData' could be found in three forms:

1. Structured
2. Unstructured
3. Semi-structured

Coding Challenges Details

Program no:1

```
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");
            }
        }
    }
}
```

Program no:2

```
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();  
            }  
        }  
    }  
}
```