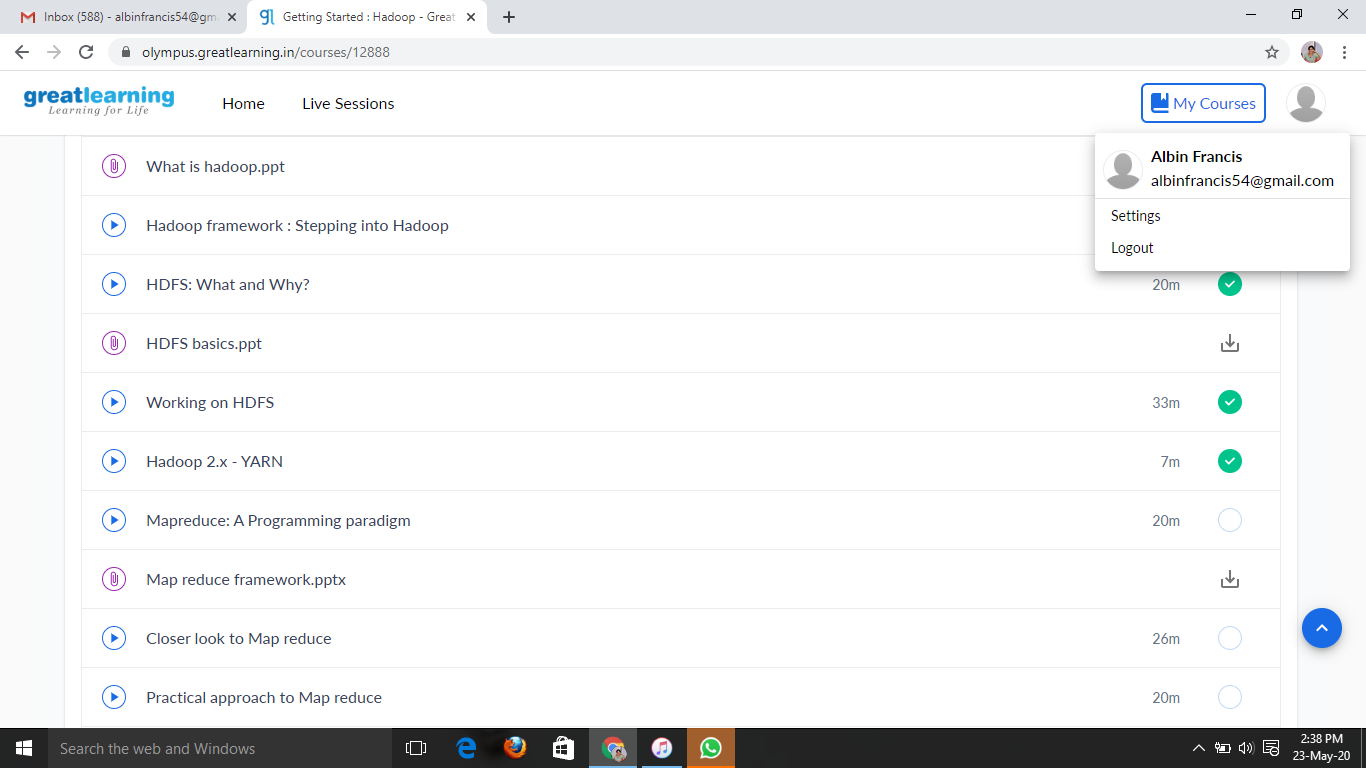
**DAILY ONLINE ACTIVITIES SUMMARY**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Date:** | **23/05/2020** | | | | | **Name:** | **Albin Francis** | |
| **Sem & Sec** | **8th sem,A** | | | | | **USN:** | **4AL16CS008** | |
| **Online Test Summary** | | | | | | | | |
| **Subject** | | **Exam not conducted** | | | | | | |
| **Max. Marks** | | **\_\_\_\_\_\_\_\_\_** | | **Score** | | | **\_\_\_\_\_\_\_\_** | |
| **Certification Course Summary** | | | | | | | | |
| **Course** | **Getting Started To Hadoop** | | | | | | | |
| **Certificate Provider** | | | **GreatLearning** | | **Duration** | | | **7mins** |
| **Coding Challenges** | | | | | | | | |
| **Problem Statement:  Write a C Program to Display first N Triangular Numbers.** | | | | | | | | |
| **Status: Solved** | | | | | | | | |
| **Uploaded the report in Github** | | | | | **Yes** | | | |
| **If yes Repository name** | | | | | **albinfrancis008** | | | |
| **Uploaded the report in slack** | | | | | **Yes** | | | |

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

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



HADOOP 2.x – YARN :-

* Difference between HADOOP 1 & HADOOP 2
* The [JobTracker](https://cwiki.apache.org/confluence/display/HADOOP2/JobTracker) is the service within Hadoop that farms out [MapReduce](https://cwiki.apache.org/confluence/display/HADOOP2/MapReduce) tasks to specific nodes in the cluster, ideally the nodes that have the data, or at least are in the same rack.
  + - 1. Client applications submit jobs to the Job tracker.
      2. The [JobTracker](https://cwiki.apache.org/confluence/display/HADOOP2/JobTracker) talks to the [NameNode](https://cwiki.apache.org/confluence/display/HADOOP2/NameNode) to determine the location of the data
      3. The [JobTracker](https://cwiki.apache.org/confluence/display/HADOOP2/JobTracker) locates [TaskTracker](https://cwiki.apache.org/confluence/display/HADOOP2/TaskTracker) nodes with available slots at or near the data
      4. The [JobTracker](https://cwiki.apache.org/confluence/display/HADOOP2/JobTracker) submits the work to the chosen [TaskTracker](https://cwiki.apache.org/confluence/display/HADOOP2/TaskTracker) nodes.
      5. Client applications can poll the [JobTracker](https://cwiki.apache.org/confluence/display/HADOOP2/JobTracker) for information.
* YARN in Apache Hadoop is the resource management and job scheduling technology in the open source [Hadoop](https://searchcloudcomputing.techtarget.com/definition/Hadoop) distributed processing framework. One of Apache Hadoop's core components, YARN is responsible for allocating system resources to the various applications running in a [Hadoop cluster](https://searchbusinessanalytics.techtarget.com/definition/Hadoop-cluster) and scheduling tasks to be executed on different cluster nodes.
* YARN stands for Yet Another Resource Negotiator, but it's commonly referred to by the acronym alone.

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

**PROGRAM 1**

/\* Write a C Program to Display first N Triangular Numbers (Where N is read from the Keyboard)\*/

#include <stdio.h>  
void triangular\_series(int n)  
{

for (int i = 1; i <= n; i++)

printf(" %d ", i\*(i+1)/2);  
}

int main()  
{

int n ;  
printf("Enter value for n");

scanf("%d",&n);

triangular\_series(n);

return 0;  
}