

DAILY ONLINE ACTIVITIES SUMMARY

Date:	25-06-2020	Name:	Deekshith T R
Sem & Sec	VIII Semester & A Section	USN:	4AL16CS027
Online Test Summary			
Subject	SMS		
Max. Marks		Score	
Certification Course Summary			
Course	Getting Started Hadoop		
Certificate Provider	Great Learning	Duration	30 min
Coding Challenges			
Problem Statement: Write a C Program to Find the Largest Element in a Dynamically Allocated Memory			
Status: COMPLETED			
Uploaded the report in Github		YES	
If yes Repository name		Deekshithtr_16cs027	
Uploaded the report in slack		YES	

Certification Course Details:

The screenshot shows a web browser window displaying the 'Getting Started : Hadoop' certification course details on the Great Learning platform. The page is titled 'Getting Started : Hadoop - Great Learning - Mozilla Firefox' and the URL is 'https://olympus.greatlearning.in/courses/12888'. The course is listed as 'Hadoop 1.x vs Hadoop 2.x' with a duration of 35m and a status of 'Completed' (indicated by a green checkmark). Below the course title, there is a list of resources: 'Hadoop 1.x.pptx', 'Hadoop 2.0.pptx', 'Reference: Apache Hadoop', 'hadoop installation.txt', 'Tar.gz', 'Installation links.docx', and 'Installing Hortonworks Sandbox on Windows Using VMwarePlayer.pdf'. Each resource has a download icon. Below the resources, there is a 'Quiz' section with two items: 'Hadoop Basics Quiz' and 'Hadoop and Map reduce Quiz', both with a score of 14/15 and a status of 'Completed' (indicated by green checkmarks). At the bottom, there is a 'Claim your course certificate' section with one item: 'Claim your course certificate', with a score of 0/1 and a status of 'Not Completed' (indicated by a red exclamation mark). The page also features a 'My Courses' button and a user profile icon in the top right corner.

Coding Challenges Details:

Write a C Program to Find the Largest Element in a Dynamically Allocated Memory

```
#include <stdio.h>
#include <stdlib.h>
int main() {
    int num;
    float *data;
    printf("Enter the total number of elements: ");
    scanf("%d", &num);
```

```
// Allocating memory for num elements
data = (float *)calloc(num, sizeof(float));
if (data == NULL) {
    printf("Error!!! memory not allocated.");
    exit(0);
}

// Storing numbers entered by the user.
for (int i = 0; i < num; ++i) {
    printf("Enter Number %d: ", i + 1);
    scanf("%f", data + i);
}

// Finding the largest number
for (int i = 1; i < num; ++i) {
    if (*data < *(data + i))
        *data = *(data + i);
}
printf("Largest number = %.2f", *data);

return 0;
}
```