DAILY ONLINE ACTIVITIES SUMMARY

Date:	**31-05-2020**	**Name:**	**Ainab**
Sem & Sec	**VIII Semester & A Section**	**USN:**	**4AL16CS004**

Online Test Summary

Subject	**Internet of Things**		
Max. Marks	**20**	**Score**	**20**

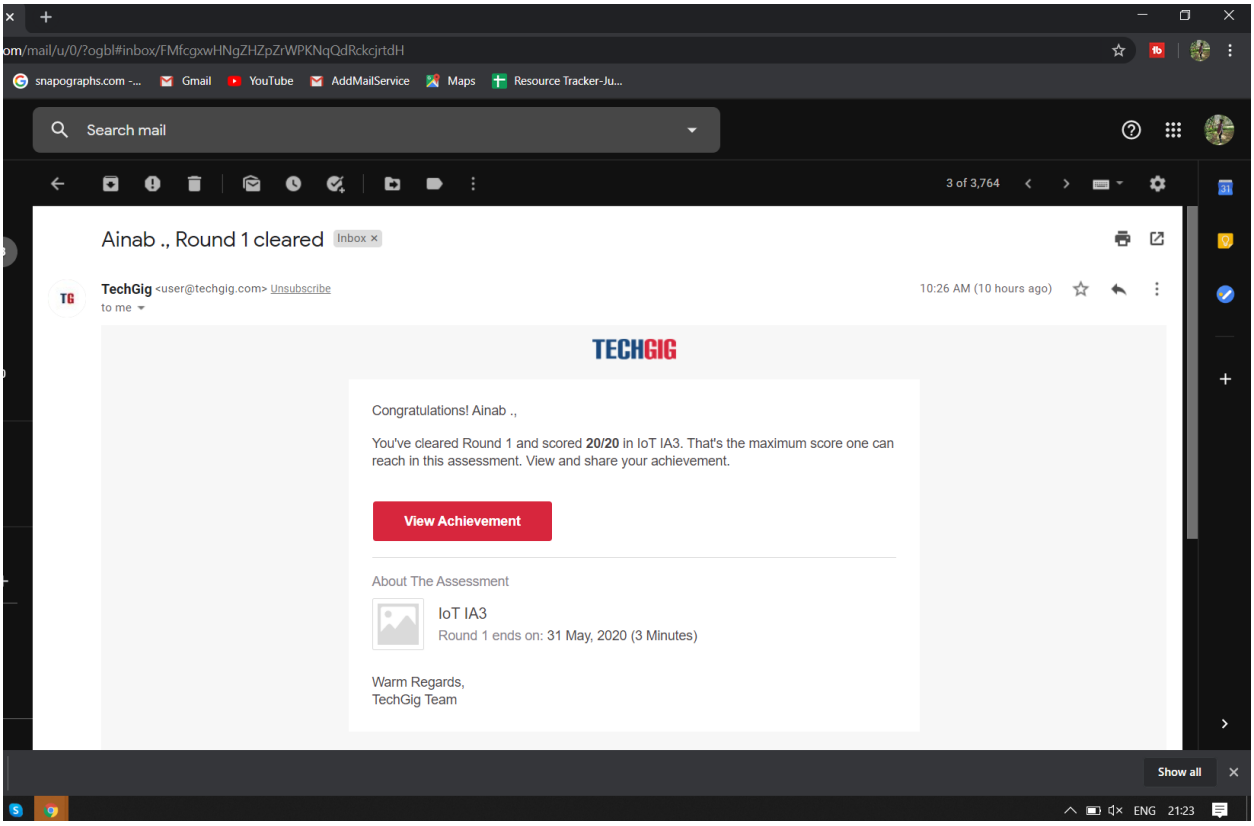
Certification Course Summary

Course	**Introduction to Hadoop**		
Certificate Provider	**Great Learning**	**Duration**	**4 Hours**

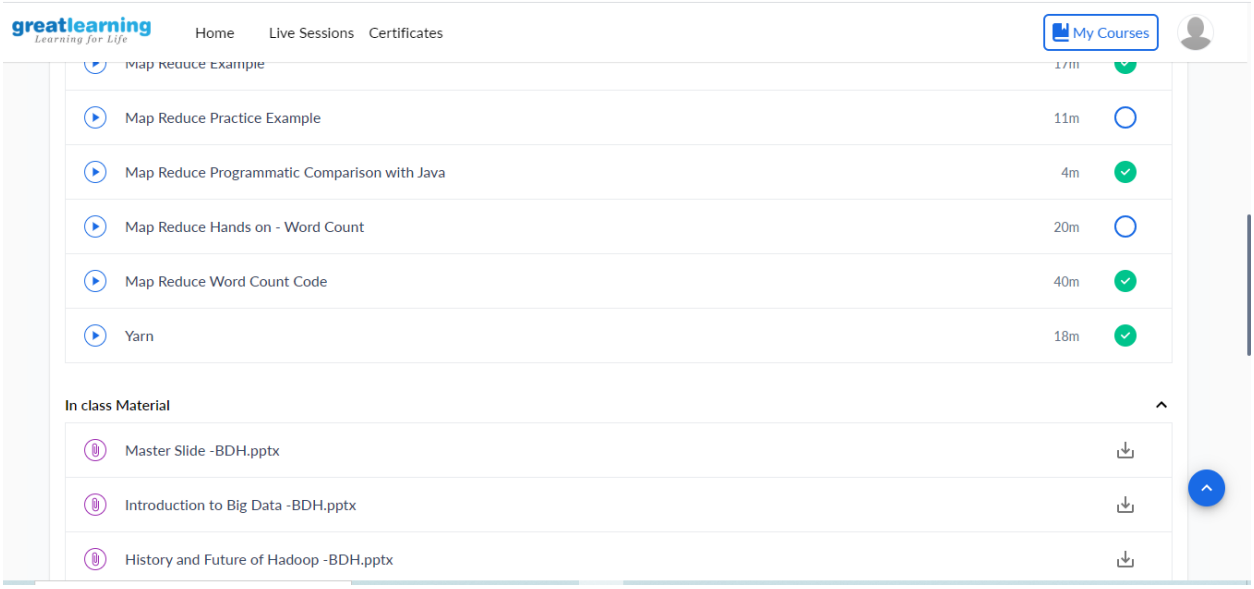
Coding Challenges

Problem Statement: Find the quadratic equation.	
Status: COMPLETED	
Uploaded the report in Github	**YES**
If yes Repository name	**Ainab004**
Uploaded the report in slack	**YES**

Online Test Details:



Certification Course Details:



Quiz : BDH

Type	: Graded Quiz	Questions	: 10	Time	: 30m
Scoring Policy	: Latest Score				
Your Score	: 9.00/10				

Instructions

RETAKE

Attempt History

Date	Attempt	Marks	
May 30, 11:24 AM	1	9	View answers

Coding Challenges Details:

Program1:

```
#include <iostream>
#include <cmath>
using namespace std;

int main() {

   float a, b, c, x1, x2, discriminant, realPart, imaginaryPart;
   cout << "Enter coefficients a, b and c: ";
   cin >> a >> b >> c;
   discriminant = b*b - 4*a*c;

   if (discriminant > 0) {
      x1 = (-b + sqrt(discriminant)) / (2*a);
      x2 = (-b - sqrt(discriminant)) / (2*a);
      cout << "Roots are real and different." << endl;
      cout << "x1 = " << x1 << endl;
      cout << "x2 = " << x2 << endl;
   }

   else if (discriminant == 0) {
      cout << "Roots are real and same." << endl;
      x1 = (-b + sqrt(discriminant)) / (2*a);
      cout << "x1 = x2 =" << x1 << endl;
```

```
    }

    else {
        realPart = -b/(2*a);
        imaginaryPart =sqrt(-discriminant)/(2*a);
        cout << "Roots are complex and different."  << endl;
        cout << "x1 = " << realPart << "+" << imaginaryPart << "i" << endl;
        cout << "x2 = " << realPart << "-" << imaginaryPart << "i" << endl;
    }

    return 0;
}
```