DAILY ONLINE ACTIVITIES SUMMARY

Date:	**23-07-2020**	**Name:**	**Nayan. P. Joshi**
Sem & Sec	**8th Sem A**	**USN:**	**4AL16CS058**

Online Test Summary

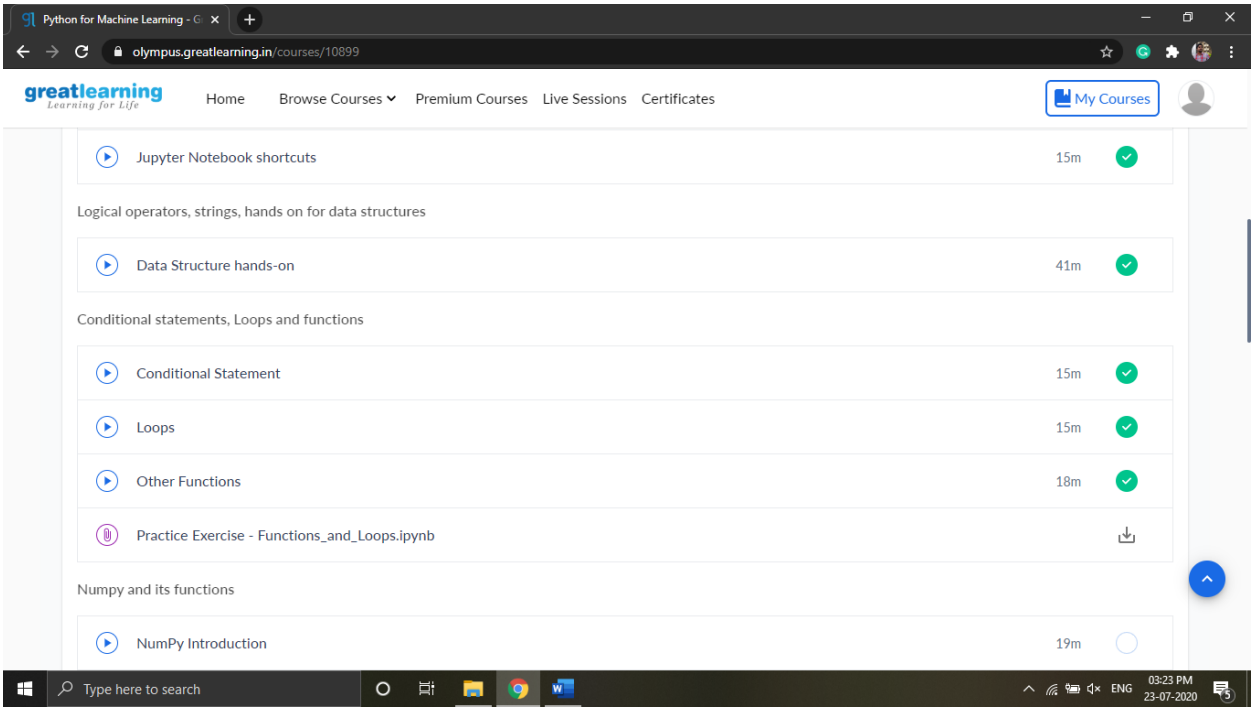
Subject	**----------**		
Max. Marks	**----------**	**Score**	**----------**

Certification Course Summary

Course	**Python for Machine Learning**		
Certificate Provider	**Great learning academy**	**Duration**	**2hrs**

Coding Challenges

Problem Statement: C Program to find roots of an equation	
Status: Solved	
Uploaded the report in GitHub	**Yes**
If yes Repository name	**nayan1998**
Uploaded the report in slack	**Yes**


Python for Machine Learning - G
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15m
Logical operators, strings, hands on for data structures
Data Structure hands-on
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Conditional statements, Loops and functions
Conditional Statement
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Loops
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Other Functions
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Practice Exercise - Functions_and_Loops.ipynb
Numpy and its functions
NumPy Introduction
19m
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ENG
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23-07-2020

C Program to find the roots of equation

```
#include <math.h>
#include <stdio.h>
int main() {
   double a, b, c, discriminant, root1, root2, realPart, imagPart;
   printf("Enter coefficients a, b and c: ");
   scanf("%lf %lf %lf", &a, &b, &c);

   discriminant = b * b - 4 * a * c;

   if (discriminant > 0) {
      root1 = (-b + sqrt(discriminant)) / (2 * a);
      root2 = (-b - sqrt(discriminant)) / (2 * a);
      printf("root1 = %.2lf and root2 = %.2lf", root1, root2);
   }

   else if (discriminant == 0) {
      root1 = root2 = -b / (2 * a);
      printf("root1 = root2 = %.2lf;", root1);
   }

   else {
      realPart = -b / (2 * a);
      imagPart = sqrt(-discriminant) / (2 * a);
      printf("root1 = %.2lf+%.2lfi and root2 = %.2f-%.2fi", realPart,
imagPart, realPart, imagPart);
   }

   return 0;
}
```