DAILY ONLINE ACTIVITIES SUMMARY

Date:	**22-06-2020**	**Name:**	**Shaima Abdul Kader**
Sem & Sec	**VIII Semester & B Section**	**USN:**	**4AL16CS087**

Online Test Summary

Subject	**SMS**		
Max. Marks	**60**	**Score**	**Not disclosed**

Certification Course Summary

Course	**IBM BlockChain Essentials V2**		
Certificate Provider	**IBM**	**Duration**	**3 Hrs**

Coding Challenges

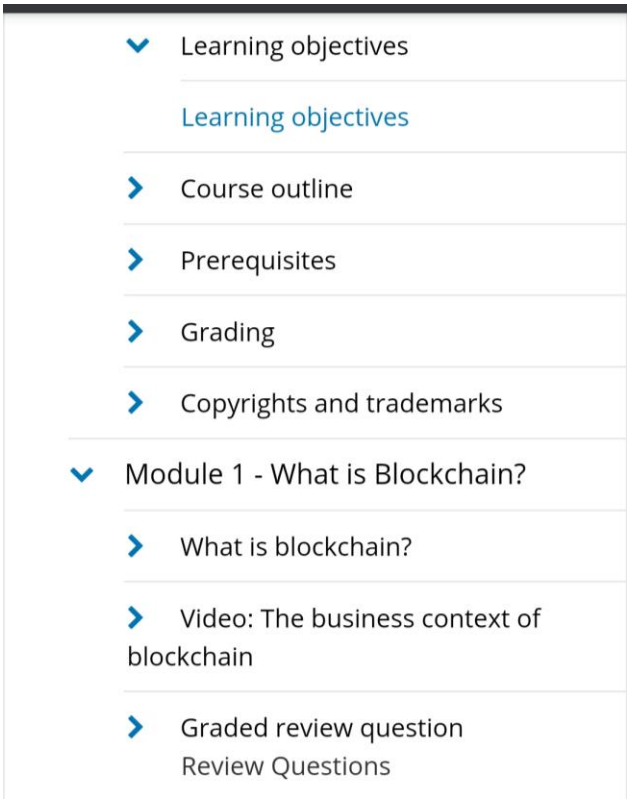
Problem Statement: C Program to Find root of a quadratic equation.

Status: COMPLETED

Uploaded the report in Github	**YES**
If yes Repository name	**shaima**
Uploaded the report in slack	**YES**

Online Test Details:

Certification Course Details:



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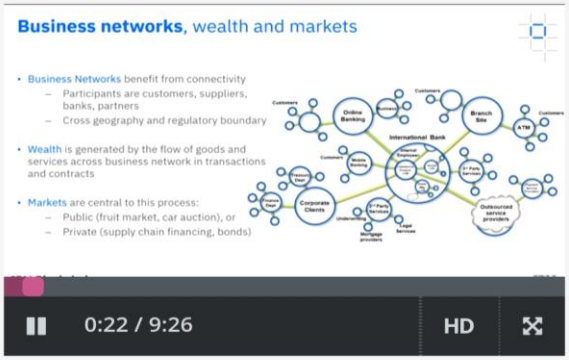
The presentation used in the video below is available for download and can be found at the following link:

Module 1 slides

The business context of blockchain



Previous Next

Coding challenges online details

uadratic 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;

   // condition for real and different roots
   if (discriminant > 0) {
      root1 = (-b + sqrt(discriminant)) / (2 * a);
      root2 = (-b - sqrt(discriminant)) / (2 * a);
```

```
        printf("root1 = %.2lf and root2 = %.2lf", root1, root2);
    }

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

    // if roots are not real
    else {
        realPart = -b / (2 * a);
        imagPart = sqrt(-discriminant) / (2 * a);
        printf("root1 = %.2lf+%.2lfi and root2 = %.2f-%.2fi", realPart, imagPart,
realPart, imagPart);
    }

    return 0;
}
```