

## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	<b>22-06-2020</b>	<b>Name:</b>	<b>Shaima Abdul Kader</b>
<b>Sem &amp; Sec</b>	<b>VIII Semester &amp; B Section</b>	<b>USN:</b>	<b>4AL16CS087</b>
<b>Online Test Summary</b>			
<b>Subject</b>	<b>SMS</b>		
<b>Max. Marks</b>	<b>60</b>	<b>Score</b>	<b>Not disclosed</b>
<b>Certification Course Summary</b>			
<b>Course</b>	<b>IBM BlockChain Essentials V2</b>		
<b>Certificate Provider</b>	<b>IBM</b>	<b>Duration</b>	<b>3 Hrs</b>
<b>Coding Challenges</b>			
<b>Problem Statement: C Program to Find root of a quadratic equation.</b>			
<b>Status: COMPLETED</b>			
<b>Uploaded the report in Github</b>		<b>YES</b>	
<b>If yes Repository name</b>		<b>shaima</b>	
<b>Uploaded the report in slack</b>		<b>YES</b>	

## Online Test Details:

## Certification Course Details:

✓	Learning objectives
	<a href="#">Learning objectives</a>
➤	Course outline
➤	Prerequisites
➤	Grading
➤	Copyrights and trademarks
✓	Module 1 - What is Blockchain?
➤	What is blockchain?
➤	Video: The business context of blockchain
➤	Graded review question Review Questions

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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

**Business networks, wealth and markets**

- **Business Networks** benefit from connectivity
  - Participants are customers, suppliers, banks, partners
  - Cross geography and regulatory boundary
- **Wealth** is generated by the flow of goods and services across business network in transactions and contracts
- **Markets** are central to this process:
  - Public (fruit market, car auction), or
  - Private (supply chain financing, bonds)



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## 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;
}

```