

## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	<b>07-07-2020</b>	<b>Name:</b>	<b>Ainab</b>
<b>Sem &amp; Sec</b>	<b>VIII Semester &amp; A Section</b>	<b>USN:</b>	<b>4AL16CS004</b>
<b>Online Test Summary</b>			
<b>Subject</b>	<b>-</b>		
<b>Max. Marks</b>	<b>-</b>	<b>Score</b>	<b>-</b>
<b>Certification Course Summary</b>			
<b>Course</b>	<b>Amazon DynamoDB for Serverless Architecture</b>		
<b>Certificate Provider</b>	<b>Amazon Web Service</b>	<b>Duration</b>	<b>2hours</b>
<b>Coding Challenges</b>			
<b>Problem Statement: Write a program for binary search</b>			
<b>Status: COMPLETED</b>			
<b>Uploaded the report in Github</b>		<b>YES</b>	
<b>If yes Repository name</b>		<b>Ainab004</b>	
<b>Uploaded the report in slack</b>		<b>YES</b>	

## Online Test Details:

**NIL**

## Certification Course



## Coding Challenges Details:

### Program1:

```
#include<stdio.h>

//function to find the sum of divisors of num
int divisorsum(int n){
    int sum = 0; // intialising the sum
    for (int i=1; i*i <= n; ++i){
```

```

        if (n%i == 0) { // find the sum of divisors

            if (i == (n/i))

                sum += i;

            else

                sum += (i + n/i);

        }

    }

    return sum;
}

int main() {

    int n = 16;

    int n1 = divisorsum(n);

    if(2*n == divisorsum(n1)){

        printf("The number %d is a superperfect number", n);

    } else{

        printf("The number %d is not a superperfect number", n);

    }

    return 0;
}

```