DAILY ONLINE ACTIVITIES SUMMARY

Date:	06-07-2020	Name:	Ainab
Sem & Sec	VIII Semester & A Section	USN:	4AL16CS004

Online Test Summary			
Subject	-		
Max. Marks	-	Score	-

Certification Course Summary			
Course	Amazon DynamoDB for Serverless Architecture		
Certificate Provider	Amazon Web Service	Duration	2hours

Coding Challenges	
Problem Statement: Write a program for binary search	
Status: COMPLETED	
Uploaded the report in Github	YES
If yes Repository name	Ainab004
Uploaded the report in slack	YES

Online Test Details:

NIL

Certification Course

Coding Challenges Details:

Program1:

```c
#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){
```

```c
        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;

}
```