DAILY ONLINE ACTIVITIES SUMMARY

Date:	**04-07-2020**	**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:

```
#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;
}
```