

DAILY ONLINE ACTIVITIES SUMMARY

Date:	02-07-2020	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>

int iterativeBsearch(int A[], int size, int element);

int main() {

    int A[] = {0,12,6,12,12,18,34,45,55,99};

    int n=55;
```

```
printf("%d is found at Index %d \n",n,iterativeBsearch(A,10,n));  
return 0;  
}  
  
int iterativeBsearch(int A[], int size, int element) {  
    int start = 0;  
    int end = size-1;  
    while(start<=end) {  
        int mid = (start+end)/2;  
        if( A[mid] == element) {  
            return mid;  
        } else if( element < A[mid] ) {  
            end = mid-1;  
        } else {  
            start = mid+1;  
        }  
    }  
    return -1;  
}
```