**DAILY ONLINE ACTIVITIES SUMMARY**

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| **Date:** | **18-06-2020** | | | | | **Name:** | **Anix Jugal D’Cunha** | |
| **Sem & Sec** | **8 sem , A sec** | | | | | **USN:** | **4AL16CS013** | |
| **Online Test Summary** | | | | | | | | |
| **Subject** | | **SMS** | | | | | | |
| **Max. Marks** | | **60** | | **Score** | | | **Marks Not provided in the Email through TechGig** | |
| **Certification Course Summary** | | | | | | | | |
| **Course** | **JavaScript & jQuery - Certification Course for Beginners** | | | | | | | |
| **Certificate Provider** | | | **Udemy** | | **Duration** | | | **2.5 hours** |
| **Coding Challenges** | | | | | | | | |
| **Problem Statement:** Find the smallest positive integer value that cannot be resented as sum of any subset of a given array sorted in ascending order. | | | | | | | | |
| **Status: Competed** | | | | | | | | |
| **Uploaded the report in Github** | | | | | **yes** | | | |
| **If yes Repository name** | | | | | **alvas-education-foundation/dcunhaanixjugal** | | | |
| **Uploaded the report in slack** | | | | | **yes** | | | |

Online Test Details: (Attach the snapshot and briefly write the report for the same)

**Marks Not provided in the Email through TechGig**

Certification Course Details: (Attach the snapshot and briefly write the report for the same)



Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)

Program-> Find the smallest positive integer value that cannot be resented as sum of any subset of a given array sorted in ascending order

public class

SmallestIntegerInSortedArray {

public int find(int [] arrA){

int smlNumber = 1;

for(int i = 0;i<arrA.length;i++){

if(arrA[i]<=smlNumber){

smlNumber += arrA[i];

}else{

break;

}

}

return smlNumber;

}

public static void main(String arg[]){

SmallestIntegerInSortedArray i = new SmallestIntegerInSortedArray();

System.out.println("Smallest Positive Integer that cant be represented by

the sum of any subset of following arrays are : ");

int [] arrA = { 1,1,3,4,6,7,9};

System.out.println("{1,1,3,4,6,7,9} -" + i.find(arrA));

int [] arrB = {1,1,1,1,1};

System.out.println("{1,1,1,1,1} -" + i.find(arrB));

int [] arrC = {2,3,6,7};

System.out.println("{2,3,6,7} -" + i.find(arrC));

int [] arrD = {1,2,6,7,9};

System.out.println("{1,2,6,7,9} -"+ i.find(arrD));

}

}