

### **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	<b>17/06/2020</b>	<b>Name:</b>	<b>Gautham Prabhu</b>
<b>Sem &amp; Sec</b>	<b>8<sup>th</sup> Sem</b>	<b>USN:</b>	<b>4AL16CS035</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>PHP &amp; MySQL - Certification Course for Beginners</b>		
<b>Certificate Provider</b>	<b>udemy.com/</b>	<b>Duration</b>	<b>4 hrs</b>
<b>Coding Challenges</b>			
<b>Problem Statement: 1)Find the smallest positive integer value that cannot be represented as sum of any subset of a given array sorted in ascending order.</b>			
<b>Status: Completed</b>			
<b>Uploaded the report in Github</b>		<b>Yes</b>	
<b>If yes Repository name</b>		<b>Daily_report</b>	
<b>Uploaded the report in slack</b>		<b>yes</b>	

## Online Test Details:

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## Certification Course Details:



## Coding Challenges Details:

### Program 1:

```
#include<stdio.h>
```

```
void main()
```

```
{
```

```
    int a[15], val = 1, i, n;
```

```
    printf("Enter the value of N: ");
```

```

scanf("%d", &n);

printf("Enter the numbers:\n");

for(i = 0; i < n; i++)

    scanf("%d", &a[i]);

for (int i = 0; i < n && a[i] <= val; i++)

    val = val + a[i];

printf("\n%d\n", val);

}

```

The screenshot shows a Linux desktop environment. In the foreground, a terminal window is open, displaying the execution of a C program. The program prompts the user to enter the value of N (4) and then the numbers (1 1 3 4). The output shows the smallest positive integer value that cannot be represented as a sum of any subset of the given array is 5.

The background shows a web browser window with a search result for the problem: "Find the smallest positive integer value that cannot be represented as sum of any subset of a given array sorted in non-decreasing order". The search result includes the input array {1, 1, 1, 1} and the output 5, along with a detailed explanation of the solution.