17 June

**C Program to find the smallest positive integer value that cannot be represented as sum of any subset of given array sorted in ascending order.**

#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);

}