1.Find the smallest positive integer value that cannot be represented as sum of any subset of a given array sorted in ascending order

**Code:**

class Main

{

int findSmallest(int arr[], int n)

{

int res = 1;

for (int i = 0; i < n && arr[i] <= res; i++)

res = res + arr[i];

return res;

}

public static void main(String[] args)

{

Main small = new Main();

int arr1[] = {1, 3, 4, 5};

int n1 = arr1.length;

System.out.println(small.findSmallest(arr1, n1));

}

}

**Output:**

