1. **Write a function which checks if string is palindrom**
   A phrase is a palindrome if, after converting all uppercase letters into lowercase letters and
   removing all non-alphanumeric characters, it reads the same forward and backward.
   Alphanumeric characters include letters and numbers.
   Given a string s, return true if it is a palindrome, or false otherwise.
   Example 1:
   Input: s = "A man, a plan, a canal: Panama"
   Output: true
   Explanation: "amanaplanacanalpanama" is a palindrome.
   Example 2:
   Input: s = "race a car"
   Output: false
   Explanation: "raceacar" is not a palindrome.
   Example 3:
   Input: s = " "
   Output: true
   Explanation: s is an empty string "" after removing non-alphanumeric characters.
   Since an empty string reads the same forward and backward, it is a palindrome.

2. **Given five positive integers, find the minimum and maximum values** that can be calculated by summing exactly four of the five integers. Then print the respective minimum and maximum values as a single line of two space-separated long integers.

   Example

   $arr = [1, 3, 5, 7, 9]$

   The minimum sum is $1 + 3 + 5 + 7 = 16$ and the maximum sum is $3 + 5 + 7 + 9 = 24$. The function prints

   ```
   16 24
   ```

   Hint: sort the array first

3. Complete the aVeryBigSum function, It must return the sum of all array elements.

Sample Input

```
5
1000000001 1000000002 1000000003 1000000004 1000000005
```

Output

```
5000000015
```

4. **Climbing Stairs**

You are climbing a staircase. It takes n steps to reach the top.
Each time you can either climb 1 or 2 steps. In how many distinct ways can you climb to the
top?
Example 1:
Input: n = 2
Output: 2
Explanation: There are two ways to climb to the top.
1. 1 step + 1 step
2. 2 steps

Example 2:
Input: n = 3
Output: 3
Explanation: There are three ways to climb to the top.
1. 1 step + 1 step + 1 step
2. 1 step + 2 steps
3. 2 steps + 1 step