Practice Set 2.1 – Loops, Conditions, and Functions

1. Write a Python function that accepts a list of strings and returns a string that contains all the words from the list.

```
input = ["hello", "goodbye", "omg", "wow"]
outPut: "hello goodbye omg wow "
```

2. Write a Python function that will accept the base and height of a triangle and compute the area.

3. Write a Python function to solve $\sqrt{((x + y) * (x + y))}$. (hint – you may need to import the math library)

4. Write a Python program to compute the distance between the points: (x1, y1) and (x2, y2).

BONUS! (if you're up for a challenge)

5. Given an array of integers, return **indices** of the two numbers such that they add up to a specific target.

```
# Example **********
# Given: nums = [2, 7, 11, 15], target = 9,
# Because nums[0] + nums[1] = 2 + 7 = 9,
# return [0, 1].
```