Challenge 1: Sum of All Odd Integers in an Array

In a given array, you need to compute the sum of all the odd integers.

Problem Statement

Implement a function `sumAllOdds(int arr[], int size)` which takes an array *arr* and its *size* and returns the sum of all the odd integers in the given array.

Input:

An array of integers and its size.

Output:

Sum of all odd integers in an array

Sample Input

```
arr[1,2,3,4,5,6,7], 7
```

Sample Input

```
16
```

Sum of all odd integers

Coding Exercise

This problem is designed for your practice, try to solve it on your own first. If you get stuck, you can always refer to the solution provided in the solution section.

Good Luck!

Exercise	Solution

```
int sumAllOdds(int arr[], int size) {
  int sum = -1;

  // write your code here

  return sum;
}
```

Solution Review

- Initialize a variable **sum** and set it to `0`
- Use a for loop which runs till size of the **arr**
- Use `%` modulo operator to check if **arr** *ith* index is odd
- If the **arr** *ith* index is odd then add it to s**um**
- Return the **sum**

In the next challenge, we'll solve another problem of functions.