# **Logic Test**

1. Please write a function to find the index that has the sum of left's elements equal to the sum of right's elements .

```
Example 1: input \Rightarrow [1, 3, 5, 7, 9] output \Rightarrow "middle index is 3" Example 2: input \Rightarrow [3, 6, 8, 1, 5, 10, 1, 7] output \Rightarrow "middle index is 4" Example 3: input \Rightarrow [3, 5, 6] output \Rightarrow "index not found"
```

2. Please write a function to detect that incoming string is palindrome or not

```
Example 1: input => "aka", output => "aka is a palindrome"
Example 2: input => "Level", output => "Level is a palindrome"
Example 3: input => "Hello", output => "Hello isn't a palindrome"
```

Note: Please use only the basic programming function like if-else, loop, etc.

## **Coding test**

Create the News's application that contain 2 pages.

First, show a list of news through this <u>services</u> (<u>https://newsapi.org</u>) to handle the list and pagination

Second, show a news detail that based on selected one.

### Required:

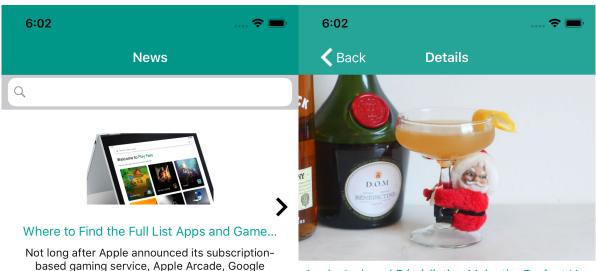
1. VIPER or MVVM is preferred

#### Plus (optional):

- 1. Modularization Architecture
- 2. RxSwift, Combine, or Async-Await for iOS. RxJava or Coroutine for Android
- 3. Unit test
- 4. Animation and transition in the app

#### Note:

- 1. You can create any design you want or try to make it look like below.
- 2. You can use any libraries that you want also.
- 3. You can add anything that you think this app must have also.



Not long after Apple announced its subscriptionbased gaming service, Apple Arcade, Google countered with its own similar subscription program: Google Play Pass. Unlike Apple Arcade, Google Play Pass includes access to premium games and non-gaming apps avail...

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#### Apple Jack and Bénédictine Make the Perfect H...

Apples do a lot of heavy lifting around the holidays. We bake them in pies, drink their fermented juice, and sip on spiced cider to warm our cold, sniffly bodies. Apple brandy is my favorite vehicle for this particular flavor, and when paired with Bénédictine... [+744 chars]

Updated: Dec 07, 03:00



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