# Challenge 2: Find the Second Minimum in an Array

This exercise requires you to find the second minimum in an array.

#### WE'LL COVER THE FOLLOWING ^

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## Problem Statement #

Implement a function secondMinimum(int arr[], int size) which takes an array arr and its size and returns the second minimum in the given array.

### Input: #

An array of integers and its size.

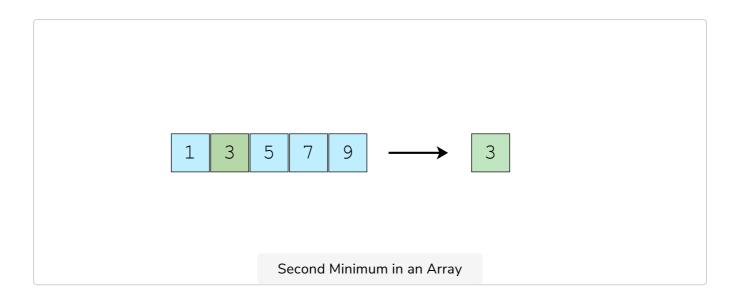
### Output: #

Second minimum in the given array

## Sample Input #

#### arr[1,3,5,7,9], 5

## Sample Input #



# Coding Exercise #

This problem is designed for your practice so 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!**



## Solution Review #

- Initialize two variables **min** and **secondmin**, set them to 214748364 which is maximum vlaue of an integer
- Use a for loop which runs till size of the array
- Use < relational operator to check if the value at **arr** *ith* index is less than **min**
- Set **Secondmin** equal to **min** and **min** is equal to **arr** *ith* index

- Checks if the **arr** *ith* index is greater than **min** then save it in **secondmin**
- Return the **secondmin**

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