



# Challenge 5: Find Minimum Value in List

Given a list of size 'n,' can you find the minimum value in the list? Implement your solution in Python and see if your output matches the expected output.

## We'll cover the following



- Problem Statement
  - Input:
  - Output:
  - Sample Input
  - Sample Output
- Coding Exercise

## Problem Statement #

Implement a function `findMinimum(lst)` which finds the smallest number in the given list.

### Input: #

A list of integers

### Output: #

The smallest number in the list



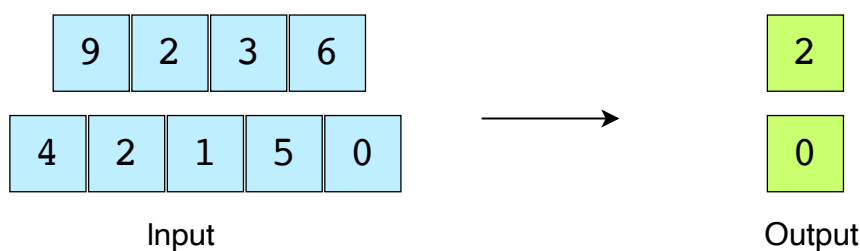
## Sample Input #



```
arr = [9,2,3,6]
```

## Sample Output #

```
2
```



## Coding Exercise#

Take a close look and design a step-by-step algorithm first before jumping on to the implementation. 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!

```
def find_minimum(arr):  
    # Write your code here  
    minimum = arr[0]  
    for x in arr:  
        if x < minimum:  
            minimum = x  
    return minimum
```



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