



# Challenge 9: Rearrange Positive & Negative Values

Given a list, can you rearrange its elements in such a way that the negative elements appear at one end and positive elements appear at the other? Solve this problem in Python and see if your code runs correctly!

## We'll cover the following



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

## Problem Statement#

Implement a function `rearrange(lst)` which rearranges the elements such that all the negative elements appear on the left and positive elements appear at the right of the list. Note that it is not necessary to maintain the sorted order of the input list.

Generally **zero is NOT positive or negative**, we will treat zero as a positive integer for this challenge! So, zero will be placed at the right.



## Output#



A list with negative elements at the left and positive elements at the right

## Sample Input#

```
[10,-1,20,4,5,-9,-6]
```

## Sample Output#

```
[-1,-9,-6,10,20,4,5]
```








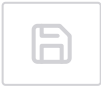



## Coding Exercise #

Take a close look and design a step-by-step algorithm first before jumping on 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 rearrange(lst):  
    resultant_list_1 = []  
    resultant_list_2 = []  
    for i in lst:  
        if i < 0:  
            resultant_list_1.append(i)  
        if i >= 0:  
            resultant_list_2.append(i)  
  
    return resultant_list_1 + resultant_list_2
```







Interviewing soon? We've partnered with Hired so that companies apply to you instead of you applying to them. [See how](#) ⓘ

[← Back](#)[Next →](#)[Solution Review: Right Rotate List](#)[Solution Review: Rearrange Positive &...](#) **Completed** [Report an Issue](#)