

Your Name: _____

Find All Duplicates

Write a function that takes a list of integers and returns a new list containing numbers in the original list that appear more than once. Optimize for efficiency.

Java

```
public class MyCode {  
    public static List<Integer> getAllDuplicates(List<Integer> l) {  
        List<Integer> duplicates = new ArrayList<Integer>();  
        // your code here...  
  
        return duplicates;  
    }  
}
```

```
MyCode.getAllDuplicates(Arrays.asList(1, 2, 3, 2, 4, 2, 4, 1)) // [1, 2, 4]  
MyCode.getAllDuplicates(Arrays.asList(5, 2, -10, 44, 90)) // []
```

Python

```
def get_all_duplicates(l:list):  
    # your code here...  
  
    return []
```

```
get_all_duplicates([1, 2, 3, 2, 4, 2, 4, 1]) # [1, 2, 4]  
get_all_duplicates([5, 2, -10, 44, 90]) # []
```

Write your code here...