

724. Find Pivot Index

APPROACH SUFFIX AND PREFIX CALCULATION

```
class Solution {
public:
    int pivotIndex(vector<int>& nums) {
        vector<int> left(nums.size());
        vector<int> right(nums.size());
        int suml=0;

        for(int i=0;i<nums.size();i++){
            left[i]=suml;
            suml+=nums[i];
        }
        int sumr=0;

        for(int i=nums.size()-1;i>=0;i--){
            right[i]=sumr;
            sumr+=nums[i];
        }

        for(int i=0;i<nums.size();i++){
            if(left[i]==right[i]){
                return i;
            }
        }
        return -1;
    }
}
```