

```
class
NumArray
{
    int arr[];
    public NumArray(int[] nums) {
        this.arr=nums; int sum=0;
        for(int i=1;i<arr.length;i++)
        {
            arr[i]+=arr[i-1];
        }
    }

    public int sumRange(int i, int j) {

        return i==0?arr[j]:arr[j]-arr[i-1];

    }
}
```