- **EASY**

- **Max Score: 30 Points**

Find sum of all the elements of 2-D array

You are given a 2D array A of order $N * M$.

Your task is to find out the sum of elements of the 2D array.

Input Format

The first line of input contains two space-separated integers N and M.

The next N lines contain M space-separated integers.

Output Format

For each test case return an integer.

Example 1

Input

```
2 2
1 2
3 4
```

Output

```
10
```

Explanation

```
1 + 2 + 3 + 4 = 10. Thus answer is 10.
```

Example 2

Input

```
2 3
1 2 3
4 5 6
```

Output

```
21
```

Explanation

```
1 + 2 + 3 + 4 + 5 + 6 = 21. Thus answer is 21.
```

Constraints

$0 <= N <= 10^3$

$0 <= M <= 10^3$

$1 <= A[i][j] <= 10^3$

My code

// in java
import java.util.*;

class Main{
    public static void main(String[] args){

```java
            Scanner sc=new Scanner(System.in);
            int n=sc.nextInt();
            int m=sc.nextInt();
            int [][]A=new int[n][m];
            for(int i=0;i<n;i++){
                    for(int j=0;j<m;j++){
                            A[i][j]=sc.nextInt();
                    }
            }
            Solution ob = new Solution();
            int ans=ob.findSum(A, n, m);
            System.out.println(ans);
        sc.close();
        }
}

class Solution{
        int findSum(int[][] arr, int n, int m){
                //Write code here
                int sum=0;
                for(int i=0;i<n;i++)
                        for(int j=0;j<m;j++)
                                sum=sum+arr[i][j];
                return sum;
        }
}
```