

<https://course.acciojob.com/idle?question=0da790e6-76e6-4ec5-a022-075d4637553a>

• EASY

• Max Score: 30 Points

Problem 2

Given a matrix of size $n \times m$. Your task is to find sum of all the elements in the matrix.

Input Format

First line contains two space separated integers n and m .

Next n lines contains m space separated integers denoting the elements in the matrix.

Output Format

Print an integer denoting the sum of all the elements in the matrix.

Example 1

Input

```
3 4
1 4 5 0
2 5 1 8
3 4 9 8
```

Output

```
50
```

Example 2

Input

```
3 3
1 1 1
1 1 1
1 1 1
```

Output

9

Constraints

$1 \leq n, m \leq 100$

$-10^4 \leq \text{matrix}[i][j] \leq 10^4$

Topic Tags

My code

// in java

```
import java.util.*;
import java.lang.*;
import java.io.*;
```

```
public class Main
```

```
{
```

```
    public static void main (String[] args) throws java.lang.Exception
    {
```

```
        //your code here
```

```
        Scanner s=new Scanner(System.in);
```

```
        int n=s.nextInt();
```

```
        int m=s.nextInt();
```

```
        int sum=0;
```

```
        int arr[][]=new int[n][m];
```

```
        for(int i=0;i<n;i++)
    for (int j=0;j<m;j++)
        arr[i][j]=s.nextInt();
    for(int i=0;i<n;i++)
    for (int j=0;j<m;j++)
        sum+=arr[i][j];
    System.out.println(sum);
    }
}
```