1. Write a program to find sum of every row and every column in a two-dimensional array.

#include<iostream>

using namespace std;

int main() {

const int rows = 3;

const int cols = 3;

int arr[rows][cols] = {{1, 2, 3},

{4, 5, 6},

{7, 8, 9}};

for (int i=0; i<rows; i++) {

int sumrows = 0;

for(int j=0; j<cols; j++) {

sumrows+= arr[i][j];

}

cout<< "Sum of row"<<i<<" : "<<sumrows<<endl;

}

for (int i=0; i<rows; i++) {

int sumcols = 0;

for(int j=0; j<cols; j++) {

sumcols+= arr[j][i];

}

cout<< "Sum of columns"<<i<<" : "<<sumcols<<endl;

}

}

OUTPUT :

