#include<iostream>

#include<conio.h>

using namespace std;

main()

{

int A[2][2],B[2][2],C[2][2],sum1=0,sum2=0;

cout<<"Enter 8 no.s to store in 2D array A & B"<<endl<<endl;

for(int r=0;r<2;r++)

{

for(int c=0;c<2;c++)

{

cout<<"Enter for A["<<r<<"]["<<c<<"]"<<endl;

cin>>A[r][c];

cout<<"Enter for B["<<r<<"]["<<c<<"]"<<endl;

cin>>B[r][c];

C[r][c]=A[r][c]+B[r][c];

}

}

cout<<"The no store in 2D array C are"<<endl<<endl;

for(int r=0;r<2;r++)

{

for(int c=0;c<2;c++)

{

cout<<A[r][c]<<"+"<<B[r][c]<<"="<<C[r][c]<<endl;

sum1=sum1+A[c][r];

sum2=sum2+A[c][r];

}

}

cout<<endl;

cout<<"The sum of values in 2D A is :"<<sum1<<endl;

cout<<"The sum of values in 2D B is :"<<sum2<<endl;

}