**Experiment No : 1**

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**Date :**

**Title : Write a Program to Perform Matrix Addition.**

#include<iostream.h>

#include<conio.h>

void main()

{

int a[2][2],b[2][2],sum[2][2],i,j;

clrscr();

cout<<"\n Enter 1st Matrix Element ="<<endl;

for(i = 0; i<2; i++)

{

for(j = 0; j<2; j++)

{

cin>>a[i][j];

}

cout<<endl;

}

cout<<"\n Enter 2nd Matrix Element ="<<endl;

for(i = 0; i<2; i++)

{

for(j = 0; j<2; j++)

{

cin>>b[i][j];

}

cout<<endl;

}

cout<<"\n Addition Of Two Matrix ="<<endl;

for(i = 0; i<2; i++)

{

for(j = 0; j<2; j++)

{

sum[i][j] = a[i][j] + b[i][j];

cout<<sum[i][j]<<"\t";

}

cout<<endl;

}

getch();

}

**Output :**

