**[Multiply Two Matrix Using Multi-dimensional Arrays](https://www.programiz.com/cpp-programming/examples/matrix-multiplication" \o "Program to Multiply Two Matrix Using Multi-dimensional Arrays).**

**#include<iostream>**

**using namespace std;**

**main()**

**{**

**int A[3][3],B[3][3],C[3][3];**

**int i,j,k;**

**cout<<"enter the value of matrix A";**

**for(i=0;i<3;i++)**

**{**

**for(j=0;j<3;j++)**

**{**

**cin>>A[i][j];**

**}**

**}**

**cout<<"enter the value of matrix B";**

**for(i=0;i<3;i++)**

**{**

**for(j=0;j<3;j++)**

**{**

**cin>>B[i][j];**

**}**

**}**

**for(i=0;i<3;i++)**

**{**

**for(j=0;j<3;j++)**

**{**

**C[i][j]=0;**

**for(k=0;k<3;k++)**

**{**

**C[i][j]=C[i][j]+(A[i][k]\*B[k][j]);**

**}**

**}**

**}**

**cout<<"multiplication matrix of c is: "<<endl;**

**for(i=0;i<3;i++)**

**{**

**for(j=0;j<3;j++)**

**{**

**cout<<"" <<C[i][j] << ""<<"\t";**

**}cout<<endl;**

**}**

**}**