#include<iostream.h>

#include<conio.h>

void main()

{

int i,j,k,a[3][3],b[3][3],c[3][3]; //variables are declared

clrscr();

cout<<"\nEnter the elements of matrix A:";

for(i=0;i<3;i++) //loop for matrix a

{

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

{

cin>>a[i][j];

}

}

cout<<"\nEnter the elements of matrix B:";

for(i=0;i<3;i++) //loop for matrix b

{

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

{

cin>>b[i][j];

}

}

cout<<"\nProduct of Matrix A & B are: \n";

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]; //statement for multiplying

cout<<c[i][j]<<"\t"; //2 dimensional arrays

}

cout<<"\n\n";

}

getch();

}