**C++ program to find Transpose of a Matrix.**

**With class;**

**#include<iostream>**

**using namespace std;**

**class transpose**

**{**

**int i,j,A[3][3];**

**public:**

**void input()**

**{**

**cout<<"enter the element of a matrix:";**

**for(i=1;i<=3;i++)**

**{**

**for(j=1;j<=3;j++)**

**{**

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

**}**

**}**

**}**

**void output()**

**{**

**cout<<"the transpose of A matrix is :"<<endl;**

**for(i=1;i<=3;i++)**

**{**

**for(j=1;j<=3;j++)**

**{**

**cout<<" "<<A[j][i]<<" ";**

**}**

**cout<<endl;**

**}**

**}**

**};**

**main()**

**{**

**transpose t;**

**t.input();**

**t.output();**

**}**