

```

1 #include <iostream>
2 #include <cmath>
3 using namespace std;
4
5 const int C = 3;
6 const int R = 3;
7
8 void leggi_matrice(int* m, int r, int c){
9     for(int i=0; i<r ;i++){
10         for(int j=0; j<c; j++){
11             cin >> m[i*c+j];
12         }
13     }
14 }
15
16 void stampa_matrice(int* m, int r, int c){
17     for(int i=0; i<r ;i++){
18         for(int j=0; j<c; j++){
19             cout << m[i*c +j] << " ";
20         }
21         cout << endl;
22     }
23 }
24
25 double frobenius(int* m, int r, int c){
26     double somma = 0;
27     for(int i=0;i<r;i++)
28         for(int j=0;j<c;j++)
29             somma += (m[i*c+j]*m[i*c+j]);
30     double norma = sqrt(somma);
31     return norma;
32 }
33
34 int main(){
35     int M[R][C];
36
37     leggi_matrice(&M[0][0], R, C);
38     stampa_matrice(&M[0][0], R, C);
39
40     double norma = frobenius(&M[0][0], R, C);
41
42     cout << "Norma: " << norma << endl;
43
44     return 0;
45 }

```