

```

1 #include <iostream>
2 using namespace std;
3
4 const int R = 2;
5 const int C = 4;
6
7 void leggi_matrice(int* m, int r, int c){
8     for(int i=0; i<r ;i++){
9         for(int j=0; j<c; j++){
10             cin >> m[i*c+j];
11         }
12     }
13 }
14
15 void stampa_matrice(int* m, int r, int c){
16     for(int i=0; i<r ;i++){
17         for(int j=0; j<c; j++){
18             cout << m[i*c +j] << " ";
19         }
20         cout << endl;
21     }
22 }
23
24 int main(){
25     int M[R][C];
26
27     //Lettura
28     leggi_matrice(&M[0][0], R, C);
29
30     //Stampa
31     stampa_matrice(&M[0][0], R, C);
32
33     int massimo = M[0][0];
34     int r_max = 0;    //riga del valore massimo
35     int c_max = 0;    //colonna del valore massimo
36
37     for(int i=0;i<R;i++)
38         for(int j=0;j<C;j++){
39             if(massimo < M[i][j]){
40                 massimo = M[i][j];
41                 r_max = i;
42                 c_max = j;
43             }
44         }
45     cout << "Valore massimo: " << massimo << endl;
46     cout << " Riga: " << r_max << endl;
47     cout << " Colonna: " << c_max << endl;
48
49     return 0;
50 }

```