

```
#include <iostream>
using namespace std;
int main() {
    int matriz[3][3], sumaDiag=0;
    for(int i=0;i<3;i++)
        for(int j=0;j<3;j++){
            cout << "Elemento [" << i << "][" << j << "]: ";
            cin >> matriz[i][j];
            if(i==j) sumaDiag += matriz[i][j];
        }
    cout << "Suma diagonal principal: " << sumaDiag;
    return 0;
}
```