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#include <iostream>
using namespace std;

int sumaDiagonal(int mat[3][3]){
    int suma=0;
    for(int i=0;i<3;i++) suma += mat[i][i];
    return suma;
}

int main(){
    int mat[3][3];
    for(int i=0;i<3;i++)
        for(int j=0;j<3;j++){
            cout << "Elemento [" << i << "][" << j << "]: ";
            cin >> mat[i][j];
        }
    cout << "Suma diagonal principal: " << sumaDiagonal(mat);
    return 0;
}
```