```cpp
//
// Created by Angel on 11/13/2024.
//
#include <iostream>
using namespace std;

int matrix[3][3];

void storeMatrix() {
    cout<<"Matriz"<<endl;
    for( int ren = 1; ren <= 3; ren++) {
        for(int col = 1; col <= 3; col++) {
            cout << "Ingrese un numero: "<< ren << ", "<< col<< ": \n";
            cin >> matrix[ren][col];
        }
    }
}

}

void printDiagonal() {
    cout << "Diagonal de la matriz: ";
    for(int i = 1; i <= 3; i++) {
        cout << matrix[i][i] << " ";
    }
    cout << endl;
}

int main() {
    storeMatrix();
    printMatrix();
    printDiagonal();
    return 0;
}
```

Matrices.cpp   G Matrices2.cpp ✕   ▲ CMakeLists.txt   ⋮

```
22          cout<<matrix[ren][col]<<"\t";
23      }
```

⚠3 ✓4 ∧ ∨

🔴 storeMatrix

Run ☐ Matrices ✕   ⋮ —

C ▢ ⋮

```
Ingrese un numero: 3, 1:
7

Ingrese un numero: 3, 2:
8

Ingrese un numero: 3, 3:
9

1       2       3
4       5       6
7       8       9
Diagonal de la matriz: 1 5 9

Process finished with exit code 0
```