#include <iostream>

#include <cstdlib>

using namespace std;

void sumDiagonals(int numArray[][5], int row, int col)

{

int sum = 0;

for(int i=0; i<row; ++i){

for(int j=0; j<col; ++j){

cout<<numArray[i][j]<<" ";

if(i==j){

sum = sum+numArray[i][j];

}

}

cout<<endl;

}

cout<<"Sum of diagonal: "<<sum<<endl;

}

int main(){

int row = 5;

int col = 5;

int numArray[5][5];

for(int i=0; i<row; ++i){

for(int j=0; j<col;++j){

numArray[i][j] = rand()%10;

}

}

sumDiagonals(numArray,5,5);

}