#include <iostream>

int main() {

const int size=3;

int arr[3][3]={1,2,3,4,5,6,7,8,9};

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

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

std::cout<<arr[i][j]<<" ";

}

std::cout<<std::endl;

}

std::cout<<"the reversed 2D array:"<<std::endl;

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

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

std::cout<<arr[i][j]<<" ";

}

std::cout<<std::endl;

}

return 0;

}