import java.io.DataInputStream;

import java.io.DataOutputStream;

import java.io.IOException;

import java.io.PrintWriter;

import java.net.ServerSocket;

import java.net.Socket;

public class AdditionServer {

public static void main(String []arg) throws IOException{

try{

while(true){

ServerSocket serverSocket = new ServerSocket(8689);

Socket sc = serverSocket.accept();

try{

System.out.println("Getting Addition Request.. ");

DataInputStream inFromClient = new DataInputStream(sc.getInputStream());

int first = inFromClient.readInt();

int second = inFromClient.readInt();

PrintWriter pr = new PrintWriter(sc.getOutputStream(),true);

int answer=first+second ;

DataOutputStream outFromClient = new DataOutputStream(sc.getOutputStream());

outFromClient.writeUTF("Answer of Addition operation is :"+answer);

}

catch(Exception e){

e.printStackTrace();

}

finally{

sc.close();

serverSocket.close();

}

}

}

catch(Exception ex){

ex.printStackTrace();

}

}

}