**package** project3\_test;

**import** java.io.\*;

**import** java.net.\*;

**import** java.util.Scanner;

**public** **class** MyThread **implements** Runnable {

Socket clientSocket;

**public** MyThread(Socket clientSocket){

**this**.clientSocket = clientSocket;

}

**public** **void** run() {

@SuppressWarnings("resource")

Scanner input = **new** Scanner(System.***in***);

System.***out***.println("Enter the value of the constant identifier again: ");

**int** size = input.nextInt();

**double** array[] = **new** **double**[size];

**while**(**true**) {

**try** {

DataInputStream in = **new** DataInputStream(clientSocket.getInputStream());

Double sum = 0.0;

**for**(**int** i = 0; i < array.length; i++) {

array[i] = in.readDouble();

sum = sum + array[i];

}

DataOutputStream out = **new** DataOutputStream(clientSocket.getOutputStream());

out.writeDouble(sum/size);

clientSocket.close();

} **catch**(IOException e) {

e.printStackTrace();

**break**;

}

}

}

}