Лабораторна робота 18

ТАБУЛЯЦИЯ ФУНКЦИИ

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package QQQ;

import java.awt.Dimension;

import javax.swing.JFrame;

import javax.swing.JOptionPane;

import javax.swing.JTable;

import javax.swing.table.DefaultTableModel;

;

/\*\*

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\* @author parsh

\*/

public class Lol extends javax.swing.JFrame {

/\*\*

\* Creates new form lab18

\*/

public Lol() {

initComponents();

double F;

int k=1;

String[] headers = new String[12];

headers[0]="y/x";

int countx = 1;

for(double x=1; x<=1.201; x+=0.02000000)

{

headers[countx]=String.format("%.2f",x);

countx++;

}

int county = 1;

for(double y=2; y<=2.25001; y+=0.02)

{

county++;

}

Object[][] table = new Object[county][countx];

int i=0,j=0;

int answerCount = 0; double answerSumm=0;

for(double y=2; y<=2.25; y+=0.02)

{

j=1;

table[i][0] = String.format("%.2f", y);

for(double x=1; x<=1.2001; x+=0.02)

{

double f = Math.cos(x+y);

if(f>0){

answerCount++;

answerSumm+=Math.pow(f, 3.0);

}

table[i][j] = String.valueOf(f);

j++;

} i++;

}

jTable1.setModel(new DefaultTableModel (table,headers));

jLabel2.setText(jLabel2.getText()+String.valueOf(answerSumm));

jLabel3.setText(jLabel3.getText()+String.valueOf(answerCount));

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

}

});

}

// Variables declaration - do not modify

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JScrollPane jScrollPane2;

private javax.swing.JTable jTable1;

// End of variables declaration

}

