package pkg3numbermultiplication;

import javax.swing.\*;

/\*\*

\*

\* @author Fayzan Bhatti

\*/

public class Main {

public static void main(String[] args) {

String a,b,c;

a = JOptionPane.showInputDialog("Enter the first number");

int A = Integer.parseInt(a);

b = JOptionPane.showInputDialog("Enter the Seconf Number");

int B = Integer.parseInt(b);

c=JOptionPane.showInputDialog("Enter the Thirld Number");

int C = Integer.parseInt(c);

double Mult;

Mult = A\*B\*C;

JOptionPane.showMessageDialog(null,"Multiplication of three number is " + Mult);

}

}

package account;

import java.util.Scanner;

import javax.swing.JOptionPane;

class info{

String name;

String AN;// AN stands for ACCOUNT NUMBER.

String type;

}

class curAcct extends info{

void insert(String n , String an , String t){

name = n;

AN = an;

type = t;}

void display(){

System.out.println("Data of CURRENT Account person");

System.out.println("Name of Person:"+name+"\nAccount number of that person:"+AN+"Type of Accoutnt:"+type);

}

}

class savAcct extends info{

void insert(String n , String an , String t){

name = n;

AN = an;

type = t;

}

void display(){

System.out.println("Data of SAVING Account person");

System.out.println("Name of Person:"+name+"\nAccount number of that person:"+AN+"Type of Accoutnt:"+type);

}

}

public class Account {

public static void main(String[] args) {

Scanner S = new Scanner(System.in);

curAcct ca = new curAcct();

savAcct sa = new savAcct();

// char op = 0;

// switch(op){

// case '\*':

String a,b,c;

System.out.println("What is your name?");

a = S.next();

System.out.println("What is your Accout number");

b = S.next();

System.out.println("What is your Type");

c= S.next();

ca.insert(a,b,c);

ca.display();

// case '#':

System.out.println("What is your name?");

a = S.next();

System.out.println("What is your Accout number");

b = S.next();

System.out.println("What is your Type");

c= S.next();

sa.insert(a, b, c);

sa.display();}

}

//}

package account1;

import java.util.Scanner;

import javax.swing.JOptionPane;

class info{

String name;

String AN;// AN stands for ACCOUNT NUMBER.

String type;

}

class curAcct extends info{

void insert(String n , String an , String t){

name = n;

AN = an;

type = t;}

void display(){

System.out.println("Data of CURRENT Account person");

System.out.println("Name of Person:"+name+"\nAccount number of that person:"+AN+"Type of Accoutnt:"+type);

}

}

class savAcct extends info{

void insert(String n , String an , String t){

name = n;

AN = an;

type = t;

}

void display(){

System.out.println("Data of SAVING Account person");

System.out.println("Name of Person:"+name+"\nAccount number of that person:"+AN+"Type of Accoutnt:"+type);

}

}

public class Account1 {

public static void main(String[] args) {

Scanner S = new Scanner(System.in);

curAcct ca = new curAcct();

savAcct sa = new savAcct();

// char op = 0;

// switch(op){

// case '\*':

String a,b,c;

System.out.println("What is your name?");

a = S.next();

System.out.println("What is your Accout number");

b = S.next();

System.out.println("What is your Type");

c= S.next();

ca.insert(a,b,c);

ca.display();

// case '#':

System.out.println("What is your name?");

a = S.next();

System.out.println("What is your Accout number");

b = S.next();

System.out.println("What is your Type");

c= S.next();

sa.insert(a, b, c);

sa.display();}

}

//}

/\*

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\* and open the template in the editor.

\*/

package addition;

import java.util.Scanner;

public class Addition {

public static void main(String[] args) {

int a,b,c;

Scanner i= new Scanner(System.in);

System.out.println("Enter an integer");

a = i.nextInt();

System.out.println("Enter an integer");

b = i.nextInt();

c=a+b;

System.out.println(c);

System.out.println("sum is :"+c);

}

}

package all\_logics;

import javax.swing.\*;

public class All\_logics {

public static void main(String[] args) {

String r;

r = JOptionPane.showInputDialog("Enter the Radius please");

int R = Integer.parseInt(r);

double AOC;

AOC = 3.14\*R\*R;

JOptionPane.showMessageDialog(null,"Area of Circle is = :" + AOC);

}

}

package all\_logics1;

import javax.swing.\*;

public class All\_logics1 {

public static void main(String[] args) {

String r;

r = JOptionPane.showInputDialog("Enter the Radius please");

int R = Integer.parseInt(r);

double AOC;

AOC = 3.14\*R\*R;

JOptionPane.showMessageDialog(null,"Area of Circle is = :" + AOC);

}}

package arithmaticexc;

import javax.swing.\*;

public class ArithmaticEXc {

public static void main(String[] args) {

int x= 10,y= 0;

int z;

try {

z = x/y;

}catch(ArithmeticException ex){

System.out.println("Devide by Zero "+ ex);

//JOptionPane.showMessageDialog("Devide by zero" + ex);

}

}

}

package arrays;

import java.util.Scanner;

public class Arrays {

public static void main(String[] args) {

int Employers;

int ID;

String Name;

double CNIC;

Scanner i = new Scanner(System.in);

System.out.println("Enter the number of Employers");

Employers = i.nextInt();

System.out.println("Enter the name of Employer");

Name = i.next();

System.out.println("Enter the user CNIC number");

ID = (int) i.nextDouble();

}

}

package awtaccumulator;

import java.awt.\*; // Using AWT container and component classes

import java.awt.event.\*; // Using AWT event classes and listener interfaces

// An AWT GUI program inherits from the top-level container java.awt.Frame

public class AWTAccumulator {

public class AWTAccumulator extends Frame implements ActionListener {

private Label lblInput; // Declare input Label

private Label lblOutput; // Declare output Label

private TextField tfInput; // Declare input TextField

private TextField tfOutput; // Declare output TextField

private int sum = 0; // Accumulated sum, init to 0

// Constructor to setup the GUI components and event handlers

setLayout(new FlowLayout());

// "super" Frame (container) sets layout to FlowLayout, which arranges

// the components from left-to-right, and flow to next row from top-to-bottom.

lblInput = new Label("Enter an Integer: "); // Construct Label

add(lblInput); // "super" Frame container adds Label component

tfInput = new TextField(10); // Construct TextField

add(tfInput); // "super" Frame adds TextField

tfInput.addActionListener(this);

// "tfInput" is the source object that fires an ActionEvent upon entered.

// The source add "this" instance as an ActionEvent listener, which provides

// an ActionEvent handler called actionPerformed().

// Hitting "enter" on tfInput invokes actionPerformed().

lblOutput = new Label("The Accumulated Sum is: "); // allocate Label

add(lblOutput); // "super" Frame adds Label

tfOutput = new TextField(10); // allocate TextField

tfOutput.setEditable(false); // read-only

add(tfOutput); // "super" Frame adds TextField

setTitle("AWT Accumulator"); // "super" Frame sets title

setSize(350, 120); // "super" Frame sets initial window size

setVisible(true); // "super" Frame shows

}

// The entry main() method

public static void main(String[] args) {

// Invoke the constructor to setup the GUI, by allocating an anonymous instance

new AWTAccumulator();

}

// ActionEvent handler - Called back upon hitting "enter" key on TextField

@Override

public void actionPerformed(ActionEvent evt) {

// Get the String entered into the TextField tfInput, convert to int

int numberIn = Integer.parseInt(tfInput.getText());

sum += numberIn; // Accumulate numbers entered into sum

tfInput.setText(""); // Clear input TextField

tfOutput.setText(sum + ""); // Display sum on the output TextField

// convert int to String

}

}

package awtcounter;

import java.awt.\*; // Using AWT container and component classes

import java.awt.event.\*; // Using AWT event classes and listener interfaces

public class AWTCounter {

public class AWTCounter1 extends Frame implements ActionListener {

private Label lblCount; // Declare a Label component

private TextField tfCount; // Declare a TextField component

private Button btnCount; // Declare a Button component

private int count = 0; // Counter's value

// Constructor to setup GUI components and event handlers

public AWTCounter1 () {

setLayout(new FlowLayout());

// "super" Frame, which is a Container, sets its layout to FlowLayout to arrange

// the components from left-to-right, and flow to next row from top-to-bottom.

lblCount = new Label("Counter"); // construct the Label component

add(lblCount); // "super" Frame container adds Label component

tfCount = new TextField("0", 10); // construct the TextField component

tfCount.setEditable(false); // set to read-only

add(tfCount); // "super" Frame container adds TextField component

btnCount = new Button("Count"); // construct the Button component

add(btnCount); // "super" Frame container adds Button component

btnCount.addActionListener(this);

// "btnCount" is the source object that fires an ActionEvent when clicked.

// The source add "this" instance as an ActionEvent listener, which provides

// an ActionEvent handler called actionPerformed().

// Clicking "btnCount" invokes actionPerformed().

setTitle("AWT Counter"); // "super" Frame sets its title

setSize(250, 100); // "super" Frame sets its initial window size

// For inspecting the Container/Components objects

// System.out.println(this);

// System.out.println(lblCount);

// System.out.println(tfCount);

// System.out.println(btnCount);

setVisible(true); // "super" Frame shows

// System.out.println(this);

// System.out.println(lblCount);

// System.out.println(tfCount);

// System.out.println(btnCount);

}

// The entry main() method

public static void main(String[] args)

{

// Invoke the constructor to setup the GUI, by allocating an instance

AWTCounter app = new AWTCounter();

// or simply "new AWTCounter();" for an anonymous instance

}

// ActionEvent handler - Called back upon button-click.

@Override

public void actionPerformed(ActionEvent evt) {

++count; // Increase the counter value

// Display the counter value on the TextField tfCount

tfCount.setText(count + ""); // Convert int to String

}

}

}

/\*

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\*/

/\*\*

\*

\* @author Saud

\*/

public class loginForm extends javax.swing.JFrame {

/\*\*

\* Creates new form loginForm

\*/

public loginForm() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents

private void initComponents() {

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGap(0, 400, Short.MAX\_VALUE)

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGap(0, 300, Short.MAX\_VALUE)

);

pack();

}// </editor-fold>//GEN-END:initComponents

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(loginForm.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(loginForm.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(loginForm.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(loginForm.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

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

public void run() {

new loginForm().setVisible(true);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

// End of variables declaration//GEN-END:variables

}

/\*

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\* and open the template in the editor.

\*/

/\*\*

\*

\* @author Saud

\*/

public class RegesterForm extends javax.swing.JFrame {

/\*\*

\* Creates new form RegesterForm

\*/

public RegesterForm() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents

private void initComponents() {

jPanel3 = new javax.swing.JPanel();

jPanel1 = new javax.swing.JPanel();

jLabel1 = new javax.swing.JLabel();

jPanel2 = new javax.swing.JPanel();

jLabel2 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);

jPanel3.setLayout(jPanel3Layout);

jPanel3Layout.setHorizontalGroup(

jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGap(0, 100, Short.MAX\_VALUE)

);

jPanel3Layout.setVerticalGroup(

jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGap(0, 100, Short.MAX\_VALUE)

);

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

setUndecorated(true);

getContentPane().setLayout(null);

jPanel1.setBackground(new java.awt.Color(240, 240, 240));

jPanel1.setForeground(new java.awt.Color(240, 240, 240));

jPanel1.setLayout(null);

jLabel1.setBackground(new java.awt.Color(240, 240, 240));

jLabel1.setText(" Login form");

jPanel1.add(jLabel1);

jLabel1.setBounds(20, 6, 110, 30);

getContentPane().add(jPanel1);

jPanel1.setBounds(10, 10, 394, 51);

jPanel2.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.RAISED));

jPanel2.setLayout(null);

getContentPane().add(jPanel2);

jPanel2.setBounds(6, 69, 394, 225);

jLabel2.setText("jLabel2");

getContentPane().add(jLabel2);

jLabel2.setBounds(40, 100, 80, 40);

jButton1.setText("jButton1");

jButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton1ActionPerformed(evt);

}

});

getContentPane().add(jButton1);

jButton1.setBounds(20, 190, 77, 32);

pack();

}// </editor-fold>//GEN-END:initComponents

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton1ActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_jButton1ActionPerformed

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(RegesterForm.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(RegesterForm.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(RegesterForm.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(RegesterForm.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

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

public void run() {

new RegesterForm().setVisible(true);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JPanel jPanel1;

private javax.swing.JPanel jPanel2;

private javax.swing.JPanel jPanel3;

// End of variables declaration//GEN-END:variables

}

package binary\_decimal;

import java.util.Scanner;

public class Binary\_Decimal {

Scanner scan;

int num;

void getVal() {

System.out.println("Binary to Decimal");

scan = new Scanner(System.in);

System.out.println("\nEnter the number :");

num = Integer.parseInt(scan.nextLine(), 2);

}

void convert() {

String decimal = Integer.toString(num);

System.out.println("Decimal Value is : " + decimal);

}

}

class MainClass {

public static void main(String args[]) {

Binary\_Decimal obj = new Binary\_Decimal();

obj.getVal();

obj.convert();

} }

package boderlayout;

import javax.swing.\*;

import javax.swing.ImageIcon;

public class LabTaskLoginWithPic {

public static void main(String[] args) {

JFrame frame = new JFrame("Student Registration");

frame.setSize(800, 800);

ImageIcon icon = new ImageIcon("E:\\rana deta\\DSC\_0255.JPG");

JLabel label = new JLabel(icon);

frame.add(label);

frame.pack();

frame.setVisible(true);

JPanel panel = new JPanel();

frame.add(panel);

placeComponents(panel);

frame.setVisible(true);

frame.setLayout(null);

}

public static void placeComponents(JPanel panel){

panel.setLayout(null);

JLabel namelabel =new JLabel("Name");

namelabel.setBounds(10,10,80,25);

panel.add(namelabel);

JTextField nametext =new JTextField(20);

nametext.setBounds(100,10,165,30);

panel.add(nametext);

panel.setLayout(null);

JLabel regnolabel =new JLabel("Registrationno");

regnolabel.setBounds(10,40,80,25);

panel.add(regnolabel);

JTextField regnotext =new JTextField(20);

regnotext.setBounds(100,40,165,30);

panel.add(regnotext);

panel.setLayout(null);

JLabel userlabel =new JLabel("User");

userlabel.setBounds(10,70,80,25);

panel.add(userlabel);

JTextField usertext =new JTextField(20);

usertext.setBounds(100,70,165,25);

panel.add(usertext);

panel.setLayout(null);

JLabel passwordlabel =new JLabel("Password");

passwordlabel.setBounds(10,100,80,25);

panel.add(passwordlabel);

JTextField passwordtext =new JPasswordField(20);

passwordtext.setBounds(100,100,165,25);

panel.add(passwordtext);

JButton SignupButton = new JButton("Signup");

SignupButton.setBounds(10,150,80,25);

panel.add(SignupButton);

}

}

package border;

import java.awt.\*;

import javax.swing.\*;

public class Border {

JFrame f;

Border(){

f=new JFrame();

JButton b1=new JButton("NORTH");

JButton b2=new JButton("SOUTH");

JButton b3=new JButton("EAST");

JButton b4=new JButton("WEST");

JButton b5=new JButton("CENTER");

f.add(b1,BorderLayout.NORTH);

f.add(b2,BorderLayout.SOUTH);

f.add(b3,BorderLayout.EAST);

f.add(b4,BorderLayout.WEST);

f.add(b5,BorderLayout.CENTER);

f.setSize(300,300);

f.setVisible(true);

}

public static void main(String[] args) {

new Border();

}

}

/\*

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\* and open the template in the editor.

\*/

package calculator;

import java.awt.BorderLayout;

import java.awt.Font;

import java.awt.GridLayout;

import javax.swing.\*;

public class Calculator {

public static final String[][] BUTTON\_TEXTS = {

{ " ", " ", " ", "%"},

{"7", "8", "9", "\*"},

{"4", "5", "6", "-"},

{"1", "2", "3", "+"}

};

public static final Font BTN\_FONT = new Font(Font.SANS\_SERIF, Font.BOLD, 24);

private static void createAndShowGui() {

JTextField field = new JTextField(10);

field.setFont(BTN\_FONT.deriveFont(Font.PLAIN));

JPanel btnPanel = new JPanel(new GridLayout(BUTTON\_TEXTS.length,

BUTTON\_TEXTS[0].length));

for (int i = 0; i < BUTTON\_TEXTS.length; i++) {

for (int j = 0; j < BUTTON\_TEXTS[i].length; j++) {

JButton btn = new JButton(BUTTON\_TEXTS[i][j]);

btn.setFont(BTN\_FONT);

btnPanel.add(btn);

}

}

JPanel mainPanel = new JPanel(new BorderLayout());

mainPanel.add(field, BorderLayout.PAGE\_START);

mainPanel.add(btnPanel, BorderLayout.CENTER);

JFrame frame = new JFrame("CALCULATOR");

frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

frame.getContentPane().add(mainPanel);

frame.pack();

frame.setLocationRelativeTo(null);

frame.setVisible(true);

}

public static void main(String[] args) {

SwingUtilities.invokeLater(new Runnable() {

public void run() {

createAndShowGui();

}

});

}

}

package calculator1;

import javax.swing.\*;

import java.awt.\*;

import java.awt.event.\*;

public class TextFieldExample extends Frame implements ActionListener{

TextField tf1,tf2,tf3;

Button b1,b2,b3,b4;

TextFieldExample(){

tf1=new TextField();

tf1.setBounds(50,50,150,20);

tf2=new TextField();

tf2.setBounds(50,100,150,20);

tf3=new TextField();

tf3.setBounds(50,150,150,20);

tf3.setEditable(false);

b1=new Button("+");

b1.setBounds(50,200,50,50);

b2=new Button("-");

b2.setBounds(120,200,50,50);

b3=new Button("\*");

b3.setBounds(50, 250, 50, 50);

b3=new Button("/");

b4.setBounds(50, 250, 50, 50);

b1.addActionListener(this);

b2.addActionListener(this);

b3.addActionListener(this);

b4.addActionListener(this);

add(tf1);add(tf2);add(tf3);add(b1);add(b2);add(b3);add(b4);

setSize(1000,1000);

setLayout(null);

setVisible(true);

}

public void actionPerformed(ActionEvent e) {

String s1=tf1.getText();

String s2=tf2.getText();

int a=Integer.parseInt(s1);

int b=Integer.parseInt(s2);

int c=0;

if(e.getSource()==b1){

c=a+b;

}else if(e.getSource()==b2){

c=a-b;

} else if(e.getSource()==b3)

c = a\*b;

else if(e.getSource()==b3){

c = a/b;

}

String result=String.valueOf(c);

tf3.setText(result);

}

public static void main(String[] args) {

new TextFieldExample();

}}

package car1;

import java.util.Scanner;

public class Car1 {

public static void main(String[] args) {

Scanner S = new Scanner(System.in);

String [] car = new String [10];

String temp;

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

System.out.println("Please Enter the Car Model");

car[i] = S.next();}

}

}

}

package Car12;

class Car12{

public Car12()

{

System.out.println("Class Car");

}

public void vehicleType()

{

System.out.println("Vehicle Type: Car");

}

}

class Maruti extends Car12{

public Maruti()

{

System.out.println("Class Maruti");

}

public void brand()

{

System.out.println("Brand: Maruti");

}

public void speed()

{

System.out.println("Max: 90Kmph");

}

}

public class Maruti800 extends Maruti{

public Maruti800()

{

System.out.println("Maruti Model: 800");

}

public void speed()

{

System.out.println("Max: 80Kmph");

}

public static void main(String args[])

{

Maruti800 obj=new Maruti800();

obj.vehicleType();

obj.brand();

obj.speed();

}

}

package checkedexceptiondemo;

import java.io.FileInputStream;

import java.io.FileNotFoundException;

import java.io.IOException;

public class CheckedExceptionDemo {

public static void main(String[] args) {

//Below line calls readFile method and prints content of it

String filename="test.txt";

try {

String fileContent = new CheckedExceptionDemo().readFile(filename);

System.out.println(fileContent);

} catch (FileNotFoundException e) {

System.out.println("File:"+ filename+" is missing, Please check file name");

} catch (IOException e) {

System.out.println("File is not having permission to read, please check the permission");

}

}

public String readFile(String filename)throws FileNotFoundException, IOException{

FileInputStream fin;

int i;

String s="";

fin = new FileInputStream(filename);

// read characters until EOF is encountered

do {

i = fin.read();

if(i != -1) s =s+(char) i+"";

} while(i != -1);

fin.close();

return s;

}

}

package checkedexceptiondemo;

import java.io.FileInputStream;

import java.io.FileNotFoundException;

import java.io.IOException;

public class CheckedExceptionDemo {

public static void main(String[] args) {

//Below line calls readFile method and prints content of it

String filename="test.txt";

try {

String fileContent = new CheckedExceptionDemo().readFile(filename);

System.out.println(fileContent);

} catch (FileNotFoundException e) {

System.out.println("File:"+ filename+" is missing, Please check file name");

} catch (IOException e) {

System.out.println("File is not having permission to read, please check the permission");

}

}

public String readFile(String filename)throws FileNotFoundException, IOException{

FileInputStream fin;

int i;

String s="";

fin = new FileInputStream(filename);

// read characters until EOF is encountered

do {

i = fin.read();

if(i != -1) s =s+(char) i+"";

} while(i != -1);

fin.close();

return s;

}

}

package circumferenceofcircle;

import javax.swing.\*;

public class CircumferenceOfCircle {

public static void main(String[] args) {

String r;

r = JOptionPane.showInputDialog("Enter the Radius");

int R = Integer.parseInt(r);

double c;

c = 3.14\*2\*R;

JOptionPane.showMessageDialog(null,"circumfrence of Circle " +c);

}

}

package clab3;

import java.util.Scanner;

class Student{

String id;

String name;

}

class CS extends Student{

void Insert(String n,String i){

id=i;

name=n;

}

void Display(){

System.out.println("CS Student \nID is"+id+"\nName is "+name);}

}

class EE extends Student{

void Insert(String n,String i){

id=i;

name=n;

}

void Display(){

System.out.println("EE Student \nID is"+id+"\nName is "+name);}

}

class BI extends Student{

void Insert(String n,String i){

id=i;

name=n;

}

void Display(){

System.out.println("BI Student ID is"+id+"\nName is "+name);}

}

public class Clab3 {

public static void main(String[] args) {

Scanner S=new Scanner(System.in);

CS cs=new CS();

EE ee=new EE();

BI bi=new BI();

String a,b;

System.out.println("Enter the name and id of Cs Student");

a=S.next();

b=S.next();

cs.Insert(a, b);

System.out.println("Enter the name and id of EE Student");

a=S.next();

b=S.next();

ee.Insert(a, b);

System.out.println("Enter the name and id of BI Student");

a=S.next();

b=S.next();

bi.Insert(a, b);

cs.Display();

ee.Display();

bi.Display();

}

}

/\*

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\*/

package clock;

import java.text.DecimalFormat;

/\*\*

\*

\* @author Saud

\*/

public class Clock {

/\*\*

\* @param args the command line arguments

\*/

public static void main(String[] args) {

DecimalFormat fmt = new DecimalFormat("00");

for(int hours = 1; hours <=12;hours++)

{

for(int minutes = 1; minutes <=59;minutes++)

{

for(int seconds= 1; seconds <=59;seconds++)

{

System.out.print(fmt.format(hours)+":\n");

System.out.print(fmt.format(minutes)+":");

System.out.print(fmt.format(seconds)+":");

}

}

}

}

}

package diceprobability;

import java.util.Scanner;

import java.util.Random;

public class DiceProbability {

public static void main(String[] args) {

Scanner in = new Scanner(System.in);

Random generator = new Random();

int ones = 0;

int twos = 0;

int threes = 0;

int fours = 0; // koi samjh ni i ic code ki kia lkha ha kia ni ??

int fives = 0;

int sixes = 0;

int sevens = 0;

int eights = 0;

int nines = 0;

int tens = 0;

int elevens = 0;

int twelves = 0;

System.out.println("Please enter a number of dice rolls");

int rolls = in.nextInt();

for(int start = 0; start < rolls; start++)

{int random = generator.nextInt(12) + 1;

for(int side1= 0; start < rolls;)

{if(random == 1)

{ones++;}

else if(random == 2)

{twos++;}

else if(random == 3)

{threes++;}

else if(random == 4)

{fours++;}

else if(random == 5)

{fives++;}

else if(random == 6)

{sixes++;}

else if(random == 7)

{sevens++;}

else if(random == 8)

{eights++;}

else if(random == 9)

{nines++;}

else if(random == 10)

{tens++;}

else if(random == 11)

{elevens++;}

else if(random == 12)

{twelves++;}

}

}

System.out.println("Number of rolls: " + rolls);

System.out.println("Sum of dice: " + " " + "Probability");

System.out.println("1's : " + " " + (double)ones/(double)rolls \* 100 + "%");

System.out.println("2's : " + " " + (double)twos/(double)rolls \* 100 + "%");

System.out.println("3's : " + " " + (double)threes/(double)rolls \* 100 + "%");

System.out.println("4's : " + " " + (double)fours/(double)rolls \* 100 + "%");

System.out.println("5's : " + " " + (double)fives/(double)rolls \* 100 + "%");

System.out.println("6's : " + " " + (double)sixes/(double)rolls \* 100 + "%");

System.out.println("7's : " + " " + (double)sevens/(double)rolls \* 100 + "%");

System.out.println("8's : " + " " + (double)eights/(double)rolls \* 100 + "%");

System.out.println("9's : " + " " + (double)nines/(double)rolls \* 100 + "%");

System.out.println("10's : " + " " + (double)tens/(double)rolls \* 100 + "%");

System.out.println("11's : " + " " + (double)elevens/(double)rolls \* 100 + "%");

System.out.println("12's : " + " " + (double)twelves/(double)rolls \* 100 + "%");

}

}

package difference;

public class Difference {

public static void main(String[] args) {

display(); //calling without object

Difference t = new Difference();

t.show(); //calling using object

}

static void display() {

System.out.println("Programming is amazing.");

}

void show(){

System.out.println("Java is awesome.");

}

}

package employee;

import java.util.Scanner;

import java.util.jar.Attributes.Name;

public class Employee {

{

void insert()

Srting Name;

int id;

long CNIC;

Scanner i = new Scanner(System.in);

System.out.print("Enter the name of Employee");

String Name1 = i.next();

System.out.print("Enter the ID of Employee");

int id1 = i.nextInt();

System.out.print("Enter the CNIC of Employee");

long CNIC1= i.nextLong();

}

void display(){

boolean Name1;

System.out.print(Name1);

boolean id1;

System.out.print(id1);

boolean CNIC1;

System.out.print(CNIC1);

}

public static void main(String[] args) {

int I,D;

Scanner i = new Scanner(System.in);

I = insert();

D = display();

}

}

package excep6;

import javax.swing.JOptionPane;

class NastedTryCatchCode{

public static void main(String args[]){

try{

try{

System.out.println("Going to divide");

int b =39/0;

}

catch(ArithmeticException e)

{System.out.println("Arithmatic Expection="+e);}

try{

int a[]=new int[5];

a[5]=4;

}

catch(ArrayIndexOutOfBoundsException e)

{System.out.println("ArrayIndexOutOfBoundsException="+e);

JOptionPane.showMessageDialog(null, e);}

System.out.println("For other statement");

}

catch(Exception e)

{System.out.println("handeled");}

System.out.println("normal flow..");

}

}

package factorialexample1;

public class FactorialExample1 {

public static void main(String[] args) {

int i,fact=1;

int number=5;//It is the number to calculate factorial.

for(i=1;i<=number;i++){

fact=fact\*i;

}

System.out.println("Factorial of "+number+" is: "+fact);

}

}

package fayzan12345;

import java.util.Scanner;

public class Fayzan12345 {

public static void main(String[] args) {

int i= 0;

int j = 3;

System.out.print(i);

System.out.print(j);

}

}

package gridlayout;

import java.awt.gridLayout;

import java.awt.Container;

import javax.swing.\*;

import java.awt.\*;

public class GridLayout {

public static void main(String[] args) {

JFrame frame = new JFrame("GridLayoutDemo - Beginnersbook.com");

frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

Container container = frame.getContentPane();

container.add(new JButton("PAGE\_START"), gridLayout.PAGE\_START);

container.add(new JButton("PAGE\_END"), gridLayout.PAGE\_END);

container.add(new JButton("LINE\_START"), gridLayout.LINE\_START);

container.add(new JButton("LINE\_END"), gridLayout.LINE\_END);

container.add(new JButton("CENTER"), gridLayout.CENTER);

//pack() method calculates and assign appropriate size for frame

frame.pack();

frame.setVisible(true);

}

}

package gridLayout;

import java.awt.GridLayout;

import javax.swing.JButton;

import javax.swing.JFrame;

import javax.swing.JTextArea;

import javax.swing.JTextFeild;

public class GridLayoutTest {

private static JButton[] arrayBtn;

public static void main(String[] args) {

// the frame that contains the components

JFrame frame = new JFrame("GridLayoutTest from JCG");

frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

// set the size of the frame

frame.setSize(350, 350);

// set the rows and cols of the grid, as well the distances between them

GridLayout grid = new GridLayout(5, 3, 10, 10);

// what layout we want to use for our frame

frame.setLayout(grid);

JTextFeild tf = new JTextFeild();

tf.setText();

// add a text field with a specified text to the frame

JTextArea text = new JTextArea();

text.setText("Result=");

text.setEditable(false);

frame.add(text);

// add buttons to the frame

frame.add(new JButton("+"));

frame.add(new JButton("="));

frame.add(new JButton("-"));

frame.add(new JButton("/"));

arrayBtn = new JButton[10];

// add JButtons dynamically

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

arrayBtn[i] = new JButton(Integer.toString(i));

frame.add(arrayBtn[i]);

}

frame.setVisible(true);

}

}

package honda;

import java.util.Scanner;

public class Honda {

public static void main(String[] args) {//basically 2D arrays Question given by Usman sb inn Power point

int Honda[][]= new int[4][5];

int i, j, k = 0;

Scanner s=new Scanner(System.in);

int arr[][]=new int[4][5];

for(i=0; i<4; i++)

for(j=0; j<5; j++)

arr[i][j]=s.nextInt();

for(i=0; i<4; i++)

{ for(j=0; j<5; j++)

System.out.println(arr[i][j]);

System.out.println();

}

}

}

/\*

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\*/

package incrementdecrement;

import java.util.Scanner;

/\*\*

\*

\* @author Saud

\*/

public class IncrementDecrement {

/\*\*

\* @param args the command line arguments

\*/

public static void main(String[] args) {

// TODO code application logic here

int a=5;

Scanner i =new Scanner(System.in);

System.out.print("Numer is\n"+a);

// now increment is

a++;

System.out.print("\nAfter increment:\n" + a);

a--;

a-=3;

System.out.print("\nAfter decrement\n" + a);

System.out.print("\n");

}

}

package inherit\_multiple;

import java.awt.\*;

public class Inherit\_Multiple {

String str1 = "This ";

}

interface Interface2 {

String str2 = "is ";

}

interface Interface3 {

String str3 = "Java ";

}

interface Interface4 {

String str4 = "World !!!";

}

class SubClass extends Inherit\_Multiple implements Interface2, Interface3, Interface4 {

String str;

SubClass() {

str = str1.concat(str2).concat(str3).concat(str4);

}

void display() {

System.out.println(str);

}

}

class MainClass {

public static void main(String[] args) {

SubClass obj = new SubClass();

obj.display();

}

}

package inputmissmatchexception;

import java.util.InputMismatchException;

import java.util.InputMmissmatchException;

import java.util.Scanner;

import javax.swing.JOptionPane;

public class InputMissMatchException {

public static void main(String[] args) {

String[] arr = new String [5];

String[] arr1 = new String [5];

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

arr[i] = JOptionPane.showInputDialog("Enter the values:");

try{

if (i == 4 )

throw new InputMismatchException("Enter the value in Integer ");

}catch (Exception ex ){

JOptionPane.showMessageDialog(null,"Enter the integer value"+ex);

}

}

}

}

package javaapplication41;

import javax.swing.\*;

import java.awt.\*;

public class Login {

public static void main(String[] args) {

JFrame frame = new JFrame("My First Swing Example");

frame.setSize(800, 500);

frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

JPanel panel = new JPanel();

frame.add(panel);

fayzi(panel);

frame.setVisible(true);

}

public static void fayzi(JPanel panel) {

panel.setLayout(null);

panel.setBackground(Color.yellow);

JLabel userLabel = new JLabel("User");

userLabel.setBounds(10,20,80,25);

panel.add(userLabel);

JTextField userText = new JTextField(20);

userText.setBounds(100,20,165,25);

panel.add(userText);

JLabel passwordLabel = new JLabel("Password");

passwordLabel.setBounds(10,50,80,25);

panel.add(passwordLabel);

JPasswordField passwordText = new JPasswordField(20);

passwordText.setBounds(100,50,165,25);

panel.add(passwordText);

JButton loginButton = new JButton("login");

loginButton.setBounds(10, 80, 80, 25);

panel.add(loginButton);

}

}

package javaapplication43;

import javax.swing.\*;

import javax.swing.ImageIcon;

public class ImageLabel {

public static void main(String[] args) {

JFrame frame = new JFrame();

ImageIcon icon = new ImageIcon("D:\\pix\\IMG-20180319-WA0152.jpg");

JLabel label = new JLabel(icon);

frame.add(label);

frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

frame.pack();

frame.setVisible(true);

}

}

package javaapplication44;

import java.awt.BorderLayout;

import java.awt.Container;

import javax.swing.\*;

public class BorderLayoutHomeTask {

public static void main(String[] args) {

JFrame frame = new JFrame("BorderLayoutDemo - Beginnersbook.com");

frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

Container container = frame.getContentPane();

container.add(new JButton("PAGE\_START"), BorderLayout.PAGE\_START);

container.add(new JButton("PAGE\_END"), BorderLayout.PAGE\_END);

container.add(new JButton("LINE\_START"), BorderLayout.LINE\_START);

container.add(new JButton("LINE\_END"), BorderLayout.LINE\_END);

container.add(new JButton("CENTER"), BorderLayout.CENTER);

//pack() method calculates and assign appropriate size for frame

frame.pack();

frame.setVisible(true);

}

}

package javaapplication46;

import javax.swing.\*;

public class LabTask {

public static void main(String[] args) {

JFrame frame = new JFrame("Student Registration Form");

frame.setSize(800, 800);

frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

JPanel panel = new JPanel();

frame.add(panel);

placeComponents(panel);

frame.setVisible(true);

ImageIcon icon = new ImageIcon("D:\\pix\\IMG-20180319-WA0152.jpg");

JLabel label = new JLabel(icon);

frame.add(label);

}

public static void placeComponents(JPanel panel) {

panel.setLayout(null);

JLabel nameLabel2 = new JLabel("Name");

nameLabel2.setBounds(10,50,80,25);

panel.add(nameLabel2);

JTextField nameText1 = new JTextField(20);

nameText1.setBounds(100,50,165,25);

panel.add(nameText1);

JLabel userLabel = new JLabel("User");

userLabel.setBounds(10,100,80,25);

panel.add(userLabel);

JTextField userText = new JTextField(20);

userText.setBounds(100,100,165,25);

panel.add(userText);

JLabel passwordLabel = new JLabel("Password");

passwordLabel.setBounds(10,150,80,25);

panel.add(passwordLabel);

JPasswordField passwordText = new JPasswordField(20);

passwordText.setBounds(100,150,165,25);

panel.add(passwordText);

JLabel regnLabel5 = new JLabel("Reg no");

regnLabel5.setBounds(10,200,80,25);

panel.add(regnLabel5);

JTextField regnoText1 = new JTextField(20);

regnoText1.setBounds(100,200,165,25);

panel.add(regnoText1);

JButton loginButton = new JButton("login");

loginButton.setBounds(10, 250, 80, 25);

panel.add(loginButton);

}

}

package javaapplication57;

public class TestMultipleCatchBlock{

public static void main(String args[]){

int x= 10;

int y = 5;

int z = 5;

int ans;

try{

ans = x/(y-z);

System.out.println( "the answer is " + ans); // by simple numbers Creating Arithmatic Expecrion

int a[]=new int[5]; // using arrays the devide by Zero

a[5]=30/0;

System.out.println(" " + a);

}

catch(ArithmeticException e)

{System.out.println(" Devide by Zero ");}

catch(ArrayIndexOutOfBoundsException e)

{System.out.println(" Arrays length problem ");}

catch(Exception e)

{System.out.println("common task completed");}

finally{

System.out.println(" The code is end...");

}

} }

package lab1;

import javax.swing.\*;

// Fayzan Bhatti

public class StringIntergerCode {

public static void main(String[] args) {

String [] arr = new String [5];

int [] arr1 = new int[5];

for (int i= 0; i<arr.length;i++)

{

JOptionPane.showInputDialog("Enter Any Value: ");

try{

arr1[i] = Integer.parseInt(arr[i]);

if( i== 4){

JOptionPane.showMessageDialog(null,"Error in String: ");

}

}

catch(Exception ex){

JOptionPane.showMessageDialog(null,"En4"

+ ""

+ "tered Value is String: ");

}

}

}

}

package labelexample;

import javax.swing.\*;

public class LabelExample {

public static void main(String[] args) {

JFrame f= new JFrame("Label Example");

JLabel L1,L2;

L1=new JLabel("First Label.");

L1.setBounds(50,50, 100,30);

L2=new JLabel("Second Label.");

L2.setBounds(50,100, 100,30);

//JLabel l1=new JLabel("First Label.");

// JLabel l2=new JLabel("Second Label.");

//We also write uper three lines(10,11,13) as uper two lines(15,16)....

f.add(L1);

f.add(L2);

f.setSize(300,300);

f.setLayout(null);

f.setVisible(true);

}

}

package labtask;

import java.awt.Color;

import javax.swing.\*;

//import javax.awt.\*;

public class LabTask {

public static void main(String[] args) {

JFrame f = new JFrame("Student Regestration Form"); // f is the object of frame.

f.setSize(800, 500);

f.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

JPanel p = new JPanel();

f.add(p);

Fayzi(p);

f.setVisible(true);

}

public static void Fayzi(JPanel p){

p.setLayout(null);

JLabel nameLable0 = new JLabel("Name");

nameLable0.setBounds(10,20,80,20);

p.add(nameLable0);

p.setBackground(Color.yellow);

JTextField name0Text= new JTextField(20);

name0Text.setBounds(100,20,165,20);

p.add(name0Text);

JLabel userLabel = new JLabel("User");

userLabel.setBounds(10,60,80,25);

p.add(userLabel);

// p.setLayout(null);

JTextField userText = new JTextField(20);

userText.setBounds(100,60,165,20);

p.add(userText);

JLabel passwordLabel = new JLabel("Password");

passwordLabel.setBounds(10,100,80,25);

p.add(passwordLabel);

JTextField passwordText = new JTextField(20);

passwordText.setBounds(100,100,165,20);

p.add(passwordText);

JButton loginButton = new JButton("Sign up");

loginButton.setBounds(10, 200, 80, 25);

p.add(loginButton);

loginButton.setBackground(Color.red);

}

}

/\*

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\*/

package ma;

import java.util.Scanner;

public class MA {

public static void main(String[] args) {

int x,y;

Scanner i = new Scanner(System.in);

System.out.println("enter a integer");

x = i.nextInt();

System.out.println("enter a integer");

y = i.nextInt();

x=x+y;

y=x-y;

x=x-y;

System.out.print("swaping value "+x);

System.out.print("swaping value"+y);

}

}

package maximunvalue;

import java.util.Scanner;

public class MaximunValue {

public static void main(String[] args) {

int arr[]= new int[5];

Scanner S = new Scanner(System.in);

System.out.println("Enter the Values");

for(int i=0;i<5;i++)

arr[i] = S.nextInt();

System.out.println("VALUES ARE");

for(int i=0;i<5;i++)

System.out.println(arr[i]);

}

}

/\*

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\*/

package maxmin;

import java.util.Scanner;

/\*\*

\*

\* @author Saud

\*/

public class MAXMIN {

private static int[][] j;

/\*\*

\* @param args the command line arguments

\*/

public static void main (String args[])

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

int[][] a = new int[3][2];

for (int i = 0; i < 3; i++)

for (int j = 0; j < 2; j++)

System.out.println(getMaxValue(i));

System.out.println(getMinValue(j));

}

/\*\*

\*

\* @param numbers

\* @return

\*/

public static int getMaxValue(int[][] numbers)

{

int maxValue = numbers[0][0];

for (int j = 0; j < numbers.length; j++) {

for (int i = 0; i < numbers[j].length; i++) {

if (numbers[j][i] > maxValue) {

maxValue = numbers[j][i];

}

}

}

return maxValue;

}

public static int getMinValue(int[][] numbers) {

int minValue = numbers[0][0];

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

for (int j = 0; j < numbers[i].length; j++) {

if (numbers[i][j] < minValue ) {

minValue = numbers[i][j];

}

}

}

return minValue ;

}

private static boolean getMaxValue(int i) {

throw new UnsupportedOperationException("Not supported yet.");

//To change body of generated methods, choose Tools | Templates.

}

}

package minmax;

import java.util.Scanner;

/\*\*

\*

\* @author Saud

\*/

public class MinMax {

/\*\*

\* @param args the command line arguments

\*/

public static void main(String[] args) {

int[][] data = {

{3, 2, 5},

{1, 4, 4, 8, 13},

{9, 1, 0, 2},

{0, 2, 6, 3, -1, -8}

};

System.out.println(getMaxValue(data));

System.out.println(getMinValue(data));

}

public static int getMaxValue(int[][] numbers) {

int maxValue = numbers[0][0];

for (int j = 0; j < numbers.length; j++) {

for (int i = 0; i < numbers[j].length; i++) {

if (numbers[j][i] > maxValue) {

maxValue = numbers[j][i];

}

}

}

return maxValue;

}

public static int getMinValue(int[][] numbers) {

int minValue = numbers[0][0];

for (int j = 0; j < numbers.length; j++) {

for (int i = 0; i < numbers[j].length; i++) {

if (numbers[j][i] < minValue ) {

minValue = numbers[j][i];

}

}

}

return minValue ;

}

}

package my.project;

import java.util.Scanner;

import javax.swing.\*;

import javax.swing.JFrame;

class Fayzi{

string name;

string id;

}

class CS extends Fayzi{

void insert(string n, string i){

name = n;

id = i ;

}

void display(){

System.out.print("CS student NAME is:\n"+ name+ "CS student ID is: \n"+ id);

JOptionPane.showInputDialog(null,"CS student NAME is:\n"+ name);

JOptionPane.showInputDialog(null,"CS student ID is: \n"+ id);

}

}

class EE extends Fayzi{

void insert(string n, string i){

name = n;

id = i ;

}

void display(){

System.out.print("EE student NAME is:\n"+ name+ "EE student ID is: \n"+ id);

JOptionPane.showInputDialog(null,"EE student NAME is:\n"+ name);

JOptionPane.showInputDialog(null,"EE student ID is: \n"+ id);

}

class BI extends Fayzi{

void insert(string n, string i){

name = n;

id = i;

}

void dispaly(){

System.out.print("BI student NAME is:\n"+ name+ "BI student ID is: \n"+ id);

JOptionPane.showInputDialog(null,"BI student NAME is:\n"+ name);

JOptionPane.showInputDialog(null,"BI student ID is: \n"+ id);

}

}

}

public class MyProject {

public static void main(String[] args) {

JFrame x = new JFrame();

Scanner S = new Scanner(System.in);

CS cs = new CS();

EE ee = new EE();

BI bi = new BI();

String a,b;

System.out.println("Enter the name of CS Student ");

JOptionPane.showInputDialog(null,"Enter the name of CS Student ");

System.out.println("Enter the ID of CS Student ");

JOptionPane.showInputDialog(null,"Enter the ID of CS Student ");

a = S.nextLine();

b = S.nextLine();

cs.insert(a, b);

System.out.println("Enter the name of EE Student ");

JOptionPane.showInputDialog(null,"Enter the name of EE Student ");

System.out.println("Enter the ID of EE Student ");

JOptionPane.showInputDialog(null,"Enter the ID of EE Student ");

a = S.nextLine();

b = S.nextLine();

ee.insert(a, b);

System.out.println("Enter the name of BI Student ");

JOptionPane.showInputDialog(null,"Enter the name of BI Student ");

System.out.println("Enter the ID of BI Student ");

JOptionPane.showInputDialog(null,"Enter the ID of BI Student ");

a = S.nextLine();

b = S.nextLine();

bi.insert(a,b);

cs.display();

ee.display();

bi.display();

}

}

package myflowlayou;

import java.awt.\*;

import javax.swing.\*;

public class MyFlowLayout{

JFrame f;

MyFlowLayout(){

f=new JFrame();

JButton b1=new JButton("1");

JButton b2=new JButton("2");

JButton b3=new JButton("3");

JButton b4=new JButton("4");

JButton b5=new JButton("5");

f.add(b1);

f.add(b2);

f.add(b3);

f.add(b4);

f.add(b5);

f.setLayout(new FlowLayout(FlowLayout.CENTER));

//setting flow layout of right alignment

f.setSize(300,300);

f.setVisible(true);

}

public static void main(String[] args) {

new MyFlowLayout();

}

}

package mygridlayout;

import java.awt.\*;

import javax.swing.\*;

public class MyGridLayout {

MyGridLayout(){

JFrame f=new JFrame("FAYZAN");

JTextArea text = new JTextArea();

text.setText("Result=");

text.setEditable(false);

f.add(text);

JButton b1=new JButton("1");

JButton b2=new JButton("2");

JButton b3=new JButton("3");

JButton b4=new JButton("4");

JButton b5=new JButton("5");

JButton b6=new JButton("6");

JButton b7=new JButton("7");

JButton b8=new JButton("8");

JButton b9=new JButton("9");

f.add(b1);

f.add(b2);

f.add(b3);

f.add(b4);

f.add(b5);

f.add(b6);

f.add(b7);

f.add(b8);

f.add(b9);

f.setLayout(new GridLayout(3,3));

//setting grid layout of 3 rows and 3 columns

f.setSize(500,500);

f.setVisible(true);

}

public static void main(String[] args) {

JPanel p = new JPanel();

JTextField userText = new JTextField(20);

userText.setBounds(10,60,165,20);

p.add(userText);

new MyGridLayout();

}

}

package panelexample;

import javax.swing.\*;

import java.awt.\*; // for colour we add this library.

public class PanelExample {

PanelExample()

{

JFrame f= new JFrame("Panel Example");

JPanel panel=new JPanel();

panel.setBounds(40,80,200,200);

panel.setBackground(Color.gray);

JButton b1=new JButton("Button 1");

b1.setBounds(50,100,80,30);

b1.setBackground(Color.yellow);

JButton b2=new JButton("Button 2");

b2.setBounds(100,100,80,30);

b2.setBackground(Color.green);

panel.add(b1); panel.add(b2);

f.add(panel);

f.setSize(400,400);

f.setLayout(null);

f.setVisible(true);

}

public static void main(String[] args) {

{

new PanelExample();

}

}}

package permutations;

import java.util.Scanner;

import java.util.\*;

public class Permutations {

// check usage

if(args.length < 1 ) {

System.out.println("usage : Java Permutation[world]");

return ;

}

// Get Word

String word = args[0];

public static void main(String[] args) {

Scanner S = new Scanner(System.in);

}

}

/\*

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\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package pkg3numbermultiplication;

import javax.swing.\*;

/\*\*

\*

\* @author Saud

\*/

public class Pkg3numbermultiplication {

/\*\*

\* @param args the command line arguments

\*/

public static void main(String[] args) {

// TODO code application logic here

String a,b,c;

a = JOptionPane.showInputDialog("Enter the first number");

int A = Integer.parseInt(a);

b = JOptionPane.showInputDialog("Enter the Seconf Number");

int B = Integer.parseInt(b);

c=JOptionPane.showInputDialog("Enter the Thirld Number");

int C = Integer.parseInt(c);

double Mult;

Mult = A\*B\*C;

JOptionPane.showMessageDialog(null,"Multiplication of three number is " + Mult);

}

}

package probability;

import java.util.Scanner;

import javax.swing.\*;

public class Probability {

int [] arr = new int[5];

String [] arr1 = new String[5];

int [] arr2 = new int[5];

Scanner get = new Scanner(System.in);

JFrame new\_frame = new JFrame();

int count = 0;

int count1 = 0;

int totalcount = 0;

//Taking Input

public Probability(){

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

arr1[i] = JOptionPane.showInputDialog("Enter Observation");

arr[i] = Integer.parseInt(arr1[i]);}

System.out.println("Enter Observation");

for(int j= 0 ; j<arr2.length ;j++){

arr2[j] = get.nextInt();}

}

// checking probability of A

public void check(){

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

for(int j= 0 ; j<arr.length ;j++){

if (arr[i] == arr[j] ){

++count;

}

}

}

// Checking Probability of B

for(int i= 0 ; i<arr2.length ;i++){

for(int j= 0 ; j<arr2.length ;j++){

if (arr2[i] == arr2[j] ){

++count;}}}

// Calculaate TotL Count

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

++totalcount;

}}

// Calculating Probability

public void show(){

if (totalcount != 0 ){

int pa = count / totalcount;

int pb = count1 / totalcount;

System.out.print("Probaility of PA is \n" + pa);

System.out.print("Probaility of PB is \n" + pb);

if(pa>pb){

JOptionPane.showMessageDialog(new\_frame,"Event PA is more lickely To Occur","Success",JOptionPane.INFORMATION\_MESSAGE);}

else

{JOptionPane.showMessageDialog(new\_frame,"Event PB is more lickely To Occur","Success",JOptionPane.INFORMATION\_MESSAGE);}

}else{

}JOptionPane.showMessageDialog(new\_frame,"Probability not found","Error",JOptionPane.INFORMATION\_MESSAGE);

}

public static void main(String[] args) {

Probability obj = new Probability ();

obj.check();

obj.show();

}

}

package probablitu;

import java.util.Random;

import java.util.Scanner;

public class Probablitu {

public static void main(String[] args) {

{

//Declare and initialize variables and objects

Scanner in = new Scanner(System.in);

Random randNum = new Random();

int match = 0; //Number of times sum of dice matches the current sum

int die1 = 0; //Random generated numbers

int die2 = 0;

int diceTotal2 = 0;

int diceTotal3 = 0;

int diceTotal4 = 0;

int diceTotal5 = 0;

int diceTotal6 = 0;

int diceTotal7 = 0; // koi samjh ni i

int diceTotal8 = 0;

int diceTotal9 = 0;

int diceTotal10 = 0;

int diceTotal11 = 0;

int diceTotal12 = 0;

int sumOfDice = 0;

double probability2 = 0.0;

double probability3 = 0.0;

double probability4 = 0.0;

double probability5 = 0.0;

double probability6 = 0.0;

double probability7 = 0.0;

double probability8 = 0.0;

double probability9 = 0.0;

double probability10 = 0.0;

double probability11 = 0.0;

double probability12 = 0.0;

//Input: ask user for number of rolls and number of sides on a die

System.out.println("Number of Rolls: ");

int rolls = in.nextInt();

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//Using nested loops, cycle through the possible sums of the dice.

//Roll the dice the given number of times for each sum.

//Count how many times the sum of the dice match the current sum being looked for.

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

//Loop to increment through the possible sums of the dice

//Loop to throw dice given number of times

for( int numberOfRolls = 1; numberOfRolls < rolls; numberOfRolls++)

{

die1 = randNum.nextInt(6);

die2 = randNum.nextInt(6);

sumOfDice = die1 + die2;

for( ; ; )

{

//Check if the sum of dice is equal to the given sum

if(sumOfDice == 2)

{

diceTotal2++;

probability2 = diceTotal2 / numberOfRolls;

}

else if(sumOfDice ==3)

{

diceTotal3++;

probability3 = diceTotal3 / numberOfRolls;

}

else if(sumOfDice ==4)

{

diceTotal4++;

probability4 = diceTotal4 / numberOfRolls;

}

else if(sumOfDice ==5)

{

diceTotal5++;

probability5 = diceTotal5 / numberOfRolls;

}

else if(sumOfDice ==6)

{

diceTotal6++;

probability6 = diceTotal6 / numberOfRolls;

}

else if(sumOfDice ==7)

{

diceTotal7++;

probability7 = diceTotal7 / numberOfRolls;

}

else if(sumOfDice ==8)

{

diceTotal8++;

probability8 = diceTotal8 / numberOfRolls;

}

else if(sumOfDice ==9)

{

diceTotal9++;

probability9 = diceTotal9 / numberOfRolls;

}

else if(sumOfDice ==10)

{

diceTotal10++;

probability10 = diceTotal10 / numberOfRolls;

}

else if(sumOfDice ==11)

{

diceTotal11++;

probability11 = diceTotal11 / numberOfRolls;

}

else if(sumOfDice ==12)

{

diceTotal12++;

probability12 = diceTotal12 / numberOfRolls;

}

}

}

System.out.println("Sum of Dice" + " " + "Probability");

System.out.println("2s: \t\t" + probability2 + "%");

System.out.println("3s: \t\t" + probability3 + "%");

System.out.println("4s: \t\t" + probability4 + "%");

System.out.println("5s: \t\t" + probability5 + "%");

System.out.println("6s: \t\t" + probability6 + "%");

System.out.println("7s: \t\t" + probability7 + "%");

System.out.println("8s: \t\t" + probability8 + "%");

System.out.println("9s: \t\t" + probability9 + "%");

System.out.println("10s: \t\t" + probability10 + "%");

System.out.println("11s: \t\t" + probability11 + "%");

System.out.println("12s: \t\t" + probability12 + "%");

//After all throws, calculate percentage of throws that resulted in the given sum

} //end main

}

}

package quadraicequation1;

public class QuadraicEquation1 {

private double a;

private double b;

private double c;

public QuadraicEquation1(double a , double b, double c){

this.a= a;

this.b= b;

this.c= c;

}

public void QuadraticFormula(){

double x1;

double x2=0;

x1 = (- b +(Math.sqrt(Math.pow(b,2)-(4\*a\*c))))/(2\*a);

x1 = (- b - (Math.sqrt(Math.pow(b,2)-(4\*a\*c))))/(2\*a);

System.out.println("x1 is = " +x1+ "\t x2 is = " + x2 );

}

public static void main(String[] args) {

}

}

package quadraticequation;

import java.util.Scanner;

/\*\*

\*

\* @author Fayzan Bhatti

\*/

public class QuadraticEquation {

public static void main(String[] args) {

Scanner s = new Scanner(System.in);

System.out.println("Enter the Value of A:");

double a = s.nextDouble();

System.out.println("Enter the Value of B:");

double b = s.nextDouble();

System.out.println("Enter the Value of C:");

double c = s.nextDouble();

double root1=0;

double root2=0;

double discremint = b\*b\*4\*a\*c;

if (discremint<0 ){

System.out.println("Roots are Imagnary...........");

}

if ( discremint==0 ){

System.out.println("Roots are Equal...........");

// root = -b/2\*a;

root1 = -b/(2\*a);

root2 = -b/(2\*a);

}

if ( discremint>0 ){

System.out.println("Roots are not Equal...........");

root1 = (-b+Math.sqrt(discremint))/(2\*a);

root2 = (-b-Math.sqrt(discremint))/(2\*a);

}

System.out.println("Roots of the Quadratic Equation are");

System.out.println("Root1:"+ root1);

System.out.println("Root2:" + root2);

}

}

package quizlab;

import java.util.Scanner;

import javax.swing.JOptionPane;

class EmployeeInfo{

String id;

String name;

}

class Admin extends EmployeeInfo{

void Insert(String n,String i){

id=i;

name=n;

}

void Display(){

System.out.println("Admin ID \nID is"+id+"\nName of Admain is "+name);

name = JOptionPane.showInputDialog(null,"Name of the Admin is :"+ name);

id = JOptionPane.showInputDialog(null,"ID of the Admin is :"+ id);

}

}

class MR extends EmployeeInfo{

void Insert(String n,String i){

id=i;

name=n;

}

void Display(){

System.out.println("MR ID is \nID is"+id+"\nName of MR is "+name);

name = JOptionPane.showInputDialog(null,"Name of the MR is :"+ name);

id =JOptionPane.showInputDialog(null,"ID of the MR is :"+ id);}

}

class HR extends EmployeeInfo{

void Insert(String n,String i){

id=i;

name=n;

}

void Display(){

System.out.println("HR ID is \nID is"+id+"\nName of HR is "+name);

name= JOptionPane.showInputDialog(null,"Name of the HR is :"+ name);

id= JOptionPane.showInputDialog(null,"ID of the HR is :"+ id);}

}

public class QuizLab {

public static void main(String[] args) {

Scanner S = new Scanner(System.in);

Admin ad = new Admin();

MR mr = new MR();

HR hr = new HR();

String a,b;

System.out.println("Enter the name and id of Admin");

//String a = JOtionPane.ShowInputDialpg(null,"Enter the Name of Admin");

//String A = String.parseString(a);

a=S.next();

b=S.next();

ad.Insert(a, b);

System.out.println("Enter the name and id of MR");

a=S.next();

b=S.next();

mr.Insert(a, b);

System.out.println("Enter the name and id of HR");

a=S.next();

b=S.next();

hr.Insert(a, b);

ad.Display();

mr.Display();

hr.Display();

}

}

package rolldice;

import java.util.Scanner;

import java.util.Random;

public class RollDice {

public static void main(String[] args) {

Random r = new Random();

int result= 0;

for(int i = 0; i<1000; i ++){

result = r.nextInt(1000);

result ++;

System.out.print("You rolled a \n: "+ result);

}

}

}

package runtimeexceptiondemo;

import java.util.Scanner;

public class RunTimeExceptionDemo {

public static void main(String[] args) {

//Reading user input

Scanner inputDevice = new Scanner(System.in);

System.out.print("Please enter your age- Numeric value: ");

int age = inputDevice.nextInt();

if (age>18){

System.out.println("You are authorized to view the page");

//Other business logic

}else {

System.out.println("You are not authorized to view page");

//Other code related to logout

}

}

}

package sorting;

import java.util.Arrays;

public class Sorting {

public static void main(String[] args) {

int[] array = { 100, 20, 0, 200 };

Arrays.sort(array);

for (int elem : array) {

System.out.println(elem);}

}

}

/\*

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\* and open the template in the editor.

\*/

package squre;

/\*\*

\*

\* @author Saud

\*/

public class Squre {

/\*\*

\* @param args the command line arguments

\*/

public static void main(String[] args) {

int x;

System.out.print("Number Number Squre");

System.out.print("--------------------------\n");

for(x=1;x<100;x++)

{

System.out.println(x + "\t\t"+ x\*x);

}

}

}

package static\_ex1;

public class Static\_Ex1 {

static {

System.out.println("The Static");

}

Static\_Ex1() {

System.out.println("The Constructor");

}

}

class MainClass {

public static void main(String args[]) {

new Static\_Ex1();

}

}

package static\_ex2;

public class Static\_Ex2 {

static {

System.out.println("The Static");

}

Static\_Ex2() {

System.out.println("The Constructor");

}

void Method() {

System.out.println("The Method");

}

}

class MainClass {

public static void main(String args[]) {

Static\_Ex2 obj = new Static\_Ex2();

obj.Method();

}

}

package static\_ex3;

public class Static\_Ex3 {

static {

System.out.println("The Static");

}

Static\_Ex3() {

System.out.println("The Constructor");

}

void Method() {

System.out.println("The Method");

}

}

class MainClass {

static {

System.out.println("The MainClass Static");

}

public static void main(String args[]) {

Static\_Ex3 obj = new Static\_Ex3();

obj.Method();

}

}

package staticethodaoc;

import java.util.Scanner;

public class StaticethodAOC {

// static method

static void AOC()

{Scanner s = new Scanner(System.in);

System.out.println("Enter the Radius for AOC");

int r = s.nextInt();

System.out.println("Radius of the AOC is " + r);

double AreaOfCircle = 3.14\*r\*r;

System.out.println("Area of Circle is="+AreaOfCircle );

}

static void AOT(){Scanner s1 = new Scanner(System.in);

System.out.println("Enter the Base and Height");

int b = s1.nextInt();

int h = s1.nextInt();

double AreaOfTriangle = 0.5 \*b\*h;

System.out.println("Area of Triangle is="+AreaOfTriangle );

}

static void COC() {

Scanner s2 = new Scanner(System.in);

System.out.println("Enter the Radius for COC");

int r = s2.nextInt();

System.out.println("Radius of the COC is " + r);

double CircumfranceOfCircle = 2 \* 3.14 \*r ;

System.out.println("Circumfrance Of Circle is="+CircumfranceOfCircle );

}

public static void main(String[] args) {

// calling m1 without creating

// any object of class Test

AOC();

AOT();

COC();

}

}

package staticinmethod;

public class StaticInMethod {

static int age;

static String name;

//This is a Static Method

static void disp(){

System.out.println("Name is: " + name);

System.out.println("Age is:" + age);

}

public static void main(String[] args) {

age = 19;

name = "FAYZAN BHAAT";

disp();

}

}

package stringtest;

//@author FAYZAN BHATTI

public class StringTest {

public static void main(String[] args) {

int r= 4;

int j = 5;

System.out.print("Hello"+r);

System.out.print(r+j);

String s1 = new String("Fayzan");

String s2 = "Fayzan";

if(s1==s2){

System.out.print("comparing string using == operator");}

if(s1==(s2))

{System.out.print("comparing using string equal method");}

}

}

package student;

// import java.util.Scanner;

class Circle{

double r;

public Circle(){

r = 1.0; //default radius value;

}

public Circle (double r) {

this.r = r; //same name...!

} }

public class Student {

public static void main(String[] args) {

// Scanner S = new Scanner(System.in);

Circle c = new Circle(2.0);

Circle c2 = new Circle();

}

}

package studentgui;

import javax.swing.\* ;

public class StudentGUI {

public static void main(String[] args) {

JFrame frame = new JFrame("GUI");

JButton b = new JButton("Fayzi");

b.setBounds(90,90,90, 30);

//Adding button onto the frame

frame.add(b);

// Setting Frame size. This is the window size

frame.setSize(300,300);

frame.setLayout(null);

frame.setVisible(true);

frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

}

}

package studentquiz;

import java.util.Scanner;

class student{

String name;

int ID\_NO;

}

class CS extends student{

void getValues1(String n,int id){

super.name=n;

super.ID\_NO=id;}

void Disply1(){

String n1 = name;

int id1 = ID\_NO;

System.out.print("CS student name is\n"+n1);

System.out.print("CS studnet id is\n"+id1);

}

}

class EE extends student{

void getValues2(String nn,int idd){

super.name=nn;

super.ID\_NO=idd;}

void Disply2(){

String n2 = name;

int id2 = ID\_NO;

System.out.print("EE student name is\n"+n2);

System.out.print("EE studnet id is\n"+id2);

}

}

class BI extends student{

void getValues3(String nnn,int iddd){

super.name=nnn;

super.ID\_NO=iddd;}

void Disply3(){

String n3 = name;

int id3 = ID\_NO;

System.out.print("BI student name is\n"+n3);

System.out.print("BI studnet id is\n"+id3);

}

}

public class StudentQuiz {

/\*\*

\* @param args the command line arguments

\*/

public static void main(String[] args) {

// TODO code application logic here

Scanner obj = new Scanner(System.in);

int i,j,k;

String P,Q,R;

System.out.print("enter CS student name");

P = obj.next();

System.out.print("enter CS student ID");

i = obj.nextInt();

System.out.print("enter EE student name");

Q = obj.next();

System.out.print("enter EE student ID");

j = obj.nextInt();

System.out.print("enter BI student name");

R = obj.next();

System.out.print("enter BI student ID");

k = obj.nextInt();

CS obj1 = new CS();

obj1.getValues1(P, i);

obj1.Disply1();

EE obj2 = new EE();

obj2.getValues2(Q, j);

obj2.Disply2();

BI obj3= new BI();

obj3.getValues3(R, k);

obj3.Disply3();

}

}

package sumavgof5marks;

import javax.swing.\*;

/\*\*

\*

\* @author Fayzan Bhatti

\*/

public class SumAvgOf5Marks {

public static void main(String[] args) {

String a,b,c,d,e,f;

a = JOptionPane.showInputDialog("Enter the 1st subject Marrks");

int A = Integer.parseInt(a);

b = JOptionPane.showInputDialog("Enter the 2nd subject Marrks");

int B = Integer.parseInt(b);

c = JOptionPane.showInputDialog("Enter tthe 3rd subject Marrks");

int C = Integer.parseInt(c);

d = JOptionPane.showInputDialog("Enter tthe 4th subject Marrks");

int D= Integer.parseInt(d);

e = JOptionPane.showInputDialog("Enter tthe 5th subject Marrks");

int E= Integer.parseInt(e);

double Sum, Avg;

Sum = A+B+C+D+E;

JOptionPane.showMessageDialog(null,"Sum of 5 subject marks are"+ Sum);

Avg = Sum/5;

JOptionPane.showMessageDialog(null,"Average of 5 Subject marks are"+ Avg);

}

}

package table;

import java.util.Scanner;

public class Table {

public static void main(String[] args) {

int T,R;

Scanner a = new Scanner(System.in);

System.out.print("Enter the Rnage");

R = a.nextInt();

System.out.print("Enter the Table number");

T = a.nextInt();

for(int i=0;i<R;i++)

{System.out.print(T+"\*"+i+"="+T\*i+"\n");}

}

}

package tableexample;

import javax.swing.\*;

public class TableExample {

//JFrame f;

TableExample(){

JFrame f=new JFrame();

String data[][]={ {"101","Fayzi","670000","Officer"}, // data is user defined varale of number of rows

{"102","Fayzan","780000","HOD"},

{"101","Bhatti","700000","SHO"}};

String column[]={"ID","NAME","SALARY","RANK"}; // colimn is user defined varale of number of coloums.

JTable jt=new JTable(data,column);

jt.setBounds(30,40,200,300);

JScrollPane sp=new JScrollPane(jt);

f.add(sp);

f.setSize(300,400);

f.setVisible(true);

}

public static void main(String[] args) {

new TableExample();

}

}

package test;

import javax.swing.\*;

/\*\*

\*

\* @author Fayan Bhatti

\*/

public class Test {

public static void main(String[] args) {

String a,b,c,d;

a = JOptionPane.showInputDialog("Enter first number");

int A = Integer.parseInt(a);

b = JOptionPane.showInputDialog("Enter second number");

int B = Integer.parseInt(b);

c = JOptionPane.showInputDialog("Enter thirld number");

int C = Integer.parseInt(c);

d = JOptionPane.showInputDialog("Enter fourth number");

int D = Integer.parseInt(d);

String x = JOptionPane.showInputDialog("press 1 for Substraction" +

"Press 5 for multiplication" + " other for invilid input");

switch(x)

{

case "1":

double S ;

S = (A-B)-(C-D);

JOptionPane.showMessageDialog(null,"Result of substracion" + S);

break;

case "2":

double M;

M= (A\*B)\*(C\*D);

JOptionPane.showMessageDialog(null,"Result of Multiplication" + M);

break;

default:

JOptionPane.showMessageDialog(null,"Invilid Input");}}}

package test.pkg123;

import java.util.Scanner;

import javax.swing.\*;

import javax.swing.JFrame;

public class Test123 {

public static void main(String[] args) {

Scanner S = new Scanner(System.in);

JFrame f = new JFrame("");

String operand1;

operand1 =JOptionPane.showInputDialog("Enter the number of Events");

double a = Double.parseDouble(operand1);

System.out.print("Enter the number of Events");

int E = S.nextInt();

operand1 =JOptionPane.showInputDialog("Enter the number of Favourt out Comes");

double b = Double.parseDouble(operand1);

System.out.print("Enter the number of Favourt out Comes");

int F = S.nextInt();

operand1 =JOptionPane.showInputDialog("Enter the number of Favourt out Comes");

double c = Double.parseDouble(operand1);

System.out.print("Total number of Out comes");

int TO = S.nextInt();

E = F / TO ;

JOptionPane.showMessageDialog(null, E);

System.out.print ( "Events are" + E);

operand1 =JOptionPane.showInputDialog("Enter the Probility of P(A)");

double d = Double.parseDouble(operand1);

System.out.print("Enter the Probility of P(A)");

int A = S.nextInt();

operand1 =JOptionPane.showInputDialog("Enter the Probility of P(B)");

double e = Double.parseDouble(operand1);

System.out.print("Enter the Probility of P(B)");

int B = S.nextInt();

if ( A> B ){

System.out.print("Most Elements are occers in B");

JOptionPane.showMessageDialog(null, "Most Elements are occers in B");

}

else if ( A == B ){

System.out.print("Elements of A are Equal to the Elements of B");

JOptionPane.showMessageDialog(null, "Elements of A are Equal to the Elements of B");

}

}

}

package test1arrysinput;

import java.util.Scanner;

/\*\*

\*

\* @author Fayzan bhatti

\*/

public class Test1ArrysInput {

public static void main(String[] args) {

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

int a[] = new int[5];

for (int i = 0; i < 5; i++)

{System.out.println("Please enter number");

a[i] = input.nextInt(); }

System.out.println("Numbers are\n\n");

for (int i = 0; i < 5; i++)

{

System.out.print(a[i]+"\n");

}

}

}

}

package test2arraysinn2d;

import java.util.Scanner;

/\*\*

\*

\* @author FAYZAN BHATTI

\*/

public class Test2Arraysinn2D {

public static void main(String[] args) {

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

int[][] a = new int[3][2];

for (int i = 0; i < 3; i++)

for (int j = 0; j < 2; j++)

{

System.out.println("Please enter number");

a[i][j] = input.nextInt();

} System.out.println("Numbers are");

for (int i = 0; i < 3; i++)

for (int j = 0; j < 2; j++)

{

System.out.println(a[i][j]);

}

}

}

}

package testswitch2;

import javax.swing.\*;

public class TestSwitch2 {

public static void main(String[] args) {

String a,b,r;

a = JOptionPane.showInputDialog("Enter first number");

int A = Integer.parseInt(a);

b = JOptionPane.showInputDialog("Enter second number");

int B = Integer.parseInt(b);

r = JOptionPane.showInputDialog("Enter Radius");

int R = Integer.parseInt(r);

String x = JOptionPane.showInputDialog("press \* for Addition and Division" +

"Press # area of circle and circumfrence of circle" + " other for invilid input");

switch(x){

case "\*":

double ADD ;

ADD = (A+B);

JOptionPane.showMessageDialog(null,"Result of substracion" + ADD);

double DIVI ;

DIVI = (A/B);

JOptionPane.showMessageDialog(null,"Result of substracion" + DIVI);

case "#":

double AOC ;

AOC = 3.14\*R\*R ;

JOptionPane.showMessageDialog(null,"Result of substracion" + AOC);

double COC ;

COC = 3.14\*2\*R ;

JOptionPane.showMessageDialog(null,"Result of substracion" + COC);

break;

}

}

}

package pkgtry;

import javax.swing.\*;

import javax.swing.JFrame;

/\*\*

\*

\* @author Fayzan Bhatti

\*/

public class Try {

public static void main(String[] args) {

JFrame f = new JFrame("");

String a = JOptionPane.showInputDialog("Press { for Simple Message JFrame.... Press"

+ " ) for Warning Message.... Press , for Error Message.... Press ; for Plain Message");

switch (a) {

case "{":

JOptionPane.showMessageDialog(f,

"Simple Message");

break;

case ")":

JOptionPane.showMessageDialog(f,

"Java",

"Warning Message",

JOptionPane.WARNING\_MESSAGE);

break;

case ",":

JOptionPane.showMessageDialog(f,

"Java",

"Error Message",

JOptionPane.ERROR\_MESSAGE);

break;

case ";":

JOptionPane.showMessageDialog(f,

"Java",

"Warning Message",

JOptionPane.PLAIN\_MESSAGE);

break;

default:

JOptionPane.showMessageDialog(null, "Plz Enter Correct Option");

}

}}

package pkgtry;

import javax.swing.\*;

import javax.swing.JFrame;

public class TRY1 {

public static void main(String[] args) {

JFrame frame = new JFrame("JOptionPane showMessageDialog example");

String operand1;

operand1= JOptionPane.showInputDialog("Enter radius of circle: ");

double a = Double.parseDouble(operand1);

String choice = JOptionPane.showInputDialog("Enter 1 for Area, 2 for circumference");

int ch = Integer.parseInt(choice);

if(ch==1)

{

double c=3.14\*a\*a;

JOptionPane.showMessageDialog(null, c);

}

else if(ch==2)

{

double m=2\*3.14\*a;

JOptionPane.showMessageDialog(null, m);

}

else

{

JOptionPane.showMessageDialog(frame,

"Invalid",

"error",

JOptionPane.ERROR\_MESSAGE);

}

}

}

/\*

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\* and open the template in the editor.

\*/

package Usersqure;

/\*\*

\*

\* @author Saud

\*/

public class UserSqure {

/\*\*

\* @param args the command line arguments

\*/

public static void main(String[] args) {

int x;

int R = 50 ;

System.out.print("Enter the Maximum number");

System.out.print("MAximum Value is "+ R);

System.out.print("Number Number Squre");

System.out.print("--------------------------\n");

for(x=1;x<R;x++)

{

System.out.println(x + "\t\t"+ x\*x);

}

}

}

package usingintegerexception;

import javax.swing.\*;

import java.util.NumberFormateException;

public class UsingIntegerException {

public static void main(String[] args) {

String name;

name= JOptionPane.showInputDialog("Enter the NaMe");

try {

String Name;

}catch(Exception e){

JOptionPane.showMessageDialog(null,"You Enter the Integer part " +e);

}

}

}

**package variabledemo;**

**public class VariableDemo {**

**static int count=0;**

**public void increment()**

**{**

**count++;**

**}**

**public static void main(String[] args) {**

**VariableDemo obj1=new VariableDemo();**

**VariableDemo obj2=new VariableDemo();**

**obj1.increment();**

**obj2.increment();**

**System.out.println("Obj1: count is="+obj1.count);**

**System.out.println("Obj2: count is="+obj2.count);**

**}**

**}**

/\*

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\* and open the template in the editor.

\*/

package whileloop;

/\*\*

\*

\* @author Saud

\*/

public class WhileLoop {

/\*\*

\* @param args the command line arguments

\*/

public static void main(String[] args) {

int x=1;

while(x<=19)

{

System.out.print("\nFayzan Bhatti\t");

x++;

}

}

}