**MULTIUTILITY APP**

**Submitted by:**

***Organization Profile:***

EME GROUP was established in 2006 by dedicated team of faculty members who are contributing their knowledge in Research, Industry and Teaching. EME Group is a fastest growing group has founded various Institutes under its umbrella and consists:

• ENGINEERING MADE EASY: It provides coaching for Engineering Entrance Exams like: IES / GATE / PSU

• EME TECHNOLOGIES: It provides 6 Weeks / 6 Months Industrial Training to B-Tech / Diploma / MCA / BCA students

EME Group is software Development & Training Centre, managed by a team of highly qualified software & hardware professionals. They provide trusted and expert training for a few IT companies to their utmost satisfaction. Also provide coaching for exams such as GATE, IES and PSU, full study material and regular updates.

The institute’s objectives is to empower the future computer Professionals by providing them decent work atmosphere, individual attention, creating confidence in them by encouraging them take-up the Project on their own, right from selection of topic until its implementation, under the supervision and guidance of experienced and expert faculty.

**EME-Overview**

The “EMETECHNOLOGIES”, Mohali was formally known as “ZOOM IT”, Mohali in 7 Phase Industrial Area. EMETECHNOLOGIES are Offshore Outsourcing Consultants with a leading edge technology focus on delivering the best and most cost-effective solutions to their clients in various areas of web development services and solutions.

The team at EMETECHNOLOGIES consists of over 30 highly skilled professionals associated with Information Technology. EMETECHNOLOGIES delivers total solutions for software development and maintenance needs, serving companies from the smallest of start-ups to the largest of the Global 2000. We specialize in offshore software development and web applications.

At EMETECHNOLOGIES a talented group of designers and interface engineers are masters at effectively conveying a consistent corporate message and brand while concentrating on ensuring a pleasant and useful user experience. They help in effectively market the company by utilizing their skills in web strategy, creative interface design, corporate branding and logo design, online marketing

**CONTENTS:**

* **Calculator**
* **To-Do List**
* **Unit Converter**
* **Currency Converter**

***Project Objective***

The main objective of the project is to create a career constructor software. Career constructor is divided into two major parts.

First one is resume builder, where the user, first can choose a resume sample that is viewed using the concept of Pdf Renderer. After choosing the desired sample, the user is required to fill in his details, all basic and academic details, that are represented in a pdf format using I Text, for editing and making a pdf sample. After finally reviewing his pdf, the user is given three choices, to save the document or to email it to himself or to get it printed by a printer. The user can choose one or more from these choices and the desired chosen option will be carried out.

Second part is, the application of database and SQL server. While forming the resume, the user has an option to register the values in a database. And the companies can choose candidates with apt qualifications. Here the company representatives are asked to fill in information on basis of which the candidates can be chosen. After choosing the candidates, these are represented in a jTable.

The program is small sized and written in java using netbeans software and finally it is wrapped and made an application using an installer. With the help of installer, anyone can download and install this software.

“MULTIUTILITY APP” is the perfect solution if the user wants to create resume or the company wants to search for apt and qualified candidates.

***Tools used in the Project:***

* ***Java(Netbeans)***
* ***Automated Email***
* ***JDBC Connector***
* ***Live Server(db4free)***
* ***Installer***

***Java:***

The whole project code is created using netbeans in Java. Java is a computer programming language that is concurrent, class-based, object-oriented, and specifically designed to have as few implementation dependencies as possible. It is intended to let application developers "write once, run anywhere" (WORA), meaning that code that runs on one platform does not need to be recompiled to run on another. Java applications are typically compiled to bytecode (class file) that can run on any Java virtual machine (JVM) regardless of computer architecture. Java is, as of 2014, one of the most popular programming languages in use, particularly for client-server web applications, with a reported 9 million developers.[10][11] Java was originally developed by James Gosling at Sun Microsystems (which has since merged into Oracle Corporation) and released in 1995 as a core component of Sun Microsystems' Java platform. The language derives much of its syntax from C and C++, but it has fewer low-level facilities than either of them.

***Netbeans:***

NetBeans is an integrated development environment (IDE) for developing primarily with Java, but also with other languages, in particular PHP, C/C++, and HTML5.[3] It is also an application platform framework for Java desktop applications and others.The NetBeans IDE is written in Java and can run on Windows, OS X, Linux, Solaris and other platforms supporting a compatible JVM.

The NetBeans Platform allows applications to be developed from a set of modular software components called modules. Applications based on the NetBeans Platform (including the NetBeans IDE itself) can be extended by third party developers.The NetBeans Team actively support the product and seek future suggestions from the wider community.

***Automated Email:***

Automated mail is a business tool that makes it possible to process large volumes of mail with relative ease. Some companies make use of equipment and personnel to handle mail processing on this scale, while other companies outsource these functions to vendors who focus specifically on handling direct mail campaigns, regular distribution of mail pieces to clients, and other ongoing projects. The point of automated mail is to process the mail quickly and efficiently, thus reducing the expense associated with the creation and distribution of each unit.

***JDBC Connector:***

Java database connectivity (JDBC) is the JavaSoft specification of a standard application programming interface (API) that allows Java programs to access database management systems. The JDBC API consists of a set of interfaces and classes written in the Java programming language.

Using these standard interfaces and classes, programmers can write applications that connect to databases, send queries written in structured query language (SQL), and process the results.

The JDBC API is consistent with the style of the core Java interfaces and classes, such as java.lang and java.awt.

***Live Server(db4free)***

db4free.net provides a testing service for the latest - sometimes even development - version of the MySQL Server. You can easily create an account for free and test your applications, for example to make sure that they still work after a MySQL version update. db4free.net is also a good resource for education and to make yourself familiar with new features that were introduced in new versions.

db4free.net aims to always provide either the latest production release or the latest development release. db4free.net's MySQL server will be updated very soon after a new version is released, usually on the same day or very soon after.To access your data in a convenient way, db4free.net also provides an up-to-date version of phpMyAdmin. phpMyAdmin will also be updated very frequently, so you always get the very latest.

***Installer***

Installer is a program that is used to create a software that can be used to install any java project. Installer is a software that can be downloaded on any computer, irrespective of the computer platform. The project can be run after being installed by the installer. Any file to be used along with the project, can be attached to the installer while creating it. JDK is also attached to the installer in case any computer does not have the required jdk.

***About the Technology: JAVA***

Java is a programming language originally developed by James Gosling at Sun Microsystems (which is now a subsidiary of Oracle Corporation) and released in 1995 as a core component of Sun Microsystems' Java platform. The language derives much of its syntax from C and C++ but has a simpler object model and fewer low-level facilities. Java applications are typically compiled to bytecode (class file) that can run on any Java Virtual Machine (JVM) regardless of computer architecture. Java is a general-purpose, concurrent, class-based, object-oriented language that is specifically designed to have as few implementation dependencies as possible. It is intended to let application developers "write once, run anywhere". Java is currently one of the most popular programming languages in use, and is widely used from application software to web applications.

The original and reference implementation Java compilers, virtual machines, and class libraries were developed by Sun from 1995. As of May 2007, in compliance with the specifications of the Java Community Process, Sun relicensed most of its Java technologies under the GNU General Public License. Others have also developed alternative implementations of these Sun technologies, such as the GNU Compiler for Java, GNU Classpath, and Dalvik.

***Getting Started With Java***

When you create a new computer program, you go through a multistepprocess. The process involves three important tools:

Compiler: A compiler translates your code into computer-friendly(human-unfriendly) instructions.

Virtual machine: A virtual machine steps through the computer-friendly instructions.

Application programming interface: An application programming interface contains useful prewritten code.

***Java Programming Toolset***

To write Java programs, you need these tools:

* You need a Java compiler.
* You need a Java virtual machine.
* You need the Java API.
* You need the Java API documentation.
* You also need some less exotic tools:
* You need an editor to compose your Java programs.

When you come right down to it, a computer program is a big bunch of text. So to write a computer program, you need an editor — a tool for creating text documents. An editor is a lot like Microsoft Word, or like any other word processing program. The big difference is that an editor adds no formatting to your text — no bold, no italic, no distinctions among fonts. Computer programs have no formatting whatsoever. They have nothing except plain old letters, numbers, and other familiar keyboard characters.

You need a way to issue commands.

You need a way to say things like “compile this program” and “run the Java virtual machine.”Every computer provides ways of issuing commands. (You can double click icons or type verbose commands in a Run dialog box.) But when you use your computer’s facilities, you jump from one window to another. You open one window to read Java documentation, another window to edit a Java program, and a third window to start up the Java compiler. The process can be very tedious.

In the best of all possible worlds, you do all your program editing, documentation reading, and command issuing through one nice interface. This interface is called an integrated development environment (IDE).

A typical IDE divides your screen’s work area into several panes — one pane for editing programs, another pane for listing the names of programs, a third pane for issuing commands, and other panes to help you compose and test programs. You can arrange the panes for quick access. Better yet, if you change the information in one pane, the IDE automatically updates the information in all the other panes.

***Java Development Kit***

The Java Development Kit (JDK) is a Sun Microsystems product aimed at Java developers. Since the introduction of Java, it has been by far the most widely used Java SDK. On 17 November 2006, Sun announced that it would be released under the GNU General Public License (GPL), thus making it free software. This happened in large part on 8 May 2007; Sun contributed the source code to the Open JDK.



JDK contents:

The JDK has as its primary components a collection of programming tools, including:

* java – the loader for Java applications. This tool is an interpreter and can interpret the class files generated by the javac compiler. Now a single launcher is used for both development and deployment. The old deployment launcher, jre, no longer comes with Sun JDK.
* javac – the compiler, which converts source code into Java bytecode
* jar – the archiver, which packages related class libraries into a single JAR file. This tool also helps manage JAR files.
* javadoc – the documentation generator, which automatically generates documentation from source code comments
* jdb – the debugger
* jps – the process status tool, which displays process information for current Java processes
* javap – the class file disassembler
* appletviewer – this tool can be used to run and debug Java applets without a web browser.
* javah – the C header and stub generator, used to write native methods
* javaws – the Java Web Start launcher for JNLP applications
* extcheck – a utility which can detect JAR-file conflicts.
* apt – the annotation-processing tool
* jhat – (experimental) Java heap analysis tool
* jstack – (experimental) utility which prints Java stack traces of Java threads
* jstat – (experimental) Java Virtual Machine statistics monitoring tool
* jstatd – (experimental) jstat daemon
* jinfo – (experimental) This utility gets configuration information from a running Java process or crash dump.
* jmap – (experimental) This utility outputs the memory map for Java and can print shared object memory maps or heap memory details of a given process or core dump.
* idlj – the IDL-to-Java compiler. This utility generates Java bindings from a given IDL file.
* policytool – the policy creation and management tool, which can determine policy for a Java runtime, specifying which permissions are available for code from various sources
* VisualVM – visual tool integrating several commandline JDK tools and lightweight performance and memory profiling capabilities
* wsimport – generates portable JAX-WS artifacts for invoking a web service.
* jrunscript – Java command-line script shell.

The JDK also comes with a complete Java Runtime Environment, usually called a private runtime. It consists of a Java Virtual Machine and all of the class libraries present in the production environment, as well as additional libraries only useful to developers, such as the internationalization libraries and the IDL libraries.

Copies of the JDK also include a wide selection of example programs demonstrating the use of almost all portions of the Java API.

***Java (Software Platform)***

An edition of the Java platform is the name for a bundle of related programs, or platform, from Sun which allow for developing and running programs written in the Java programming language. The platform is not specific to any one processor or operating system, but rather an execution engine (called a virtualmachine) and a compiler with a set of libraries that are implemented for various hardware and operating systems so that Java programs can run identically on all of them.

* Java Card: refers to a technology that allows small Java-based applications (applets) to be run securely on smart cards and similar small memory footprint devices.
* Java ME (Micro Edition): Specifies several different sets of libraries (known as profiles) for devices which are sufficiently limited that supplying the full set of Java libraries would take up unacceptably large amounts of storage.
* Java SE (Standard Edition): For general purpose use on desktop PCs, servers and similar devices.
* Java EE (Enterprise Edition): Java SE plus various APIs useful for multi-tier client–server enterprise applications.

As of September 2009, the current version of the Java Platform is specified as either 1.6.0 or 6 (both refer to the same version). Version 6 is the product version, while 1.6.0 is the developer version.

The Java Platform consists of several programs, each of which provides a distinct portion of its overall capabilities. For example, the Java compiler, which converts Java source code into Java bytecode (an intermediate language for the Java Virtual Machine (JVM)), is provided as part of the Java Development Kit (JDK). The Java Runtime Environment (JRE), complementing the JVM with a just-in-time (JIT) compiler, converts intermediate bytecode into native machine code on the fly. Also supplied are extensive libraries, pre-compiled in which are several other components, some available only in certain editions.

The essential components in the platform are the Java language compiler, the libraries, and the runtime environment in which Java intermediate byte code "executes" according to the rules laid out in the virtual machine specification.

### Java Virtual Machine

The heart of the Java Platform is the concept of a "virtual machine" that executes Java byte code programs. This byte code is the same no matter what hardware or operating system the program is running under. There is a JIT compiler within the Java Virtual Machine, or JVM. The JIT compiler translates the Java byte code into native processor instructions at run-time and caches the native code in memory during execution.

***Java Byte code:***

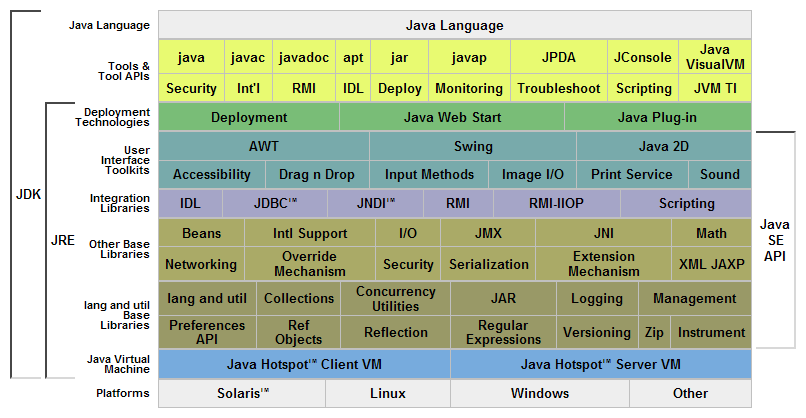
The use of bytecode as an intermediate language permits Java programs to run on any platform that has a virtual machine available. The use of a JIT compiler means that Java applications, after a short delay during loading and once they have "warmed up" by being all or mostly JIT-compiled, tend to run about as fast as native programs. Since JRE version 1.2, Sun's JVM implementation has included a just-in-time compiler instead of an interpreter.

Although Java programs are platform independent, the code of the Java Virtual Machine (JVM) that execute these programs is not; every supported operating platform has its own JVM.

### Class libraries

In most modern operating systems, a large body of reusable code is provided to simplify the programmer's job. This code is typically provided as a set of dynamically loadable librariesthat applications can call at runtime. Because the Java Platform is not dependent on any specific operating system, applications cannot rely on any of the pre-existing OS libraries. Instead, the Java Platform provides a comprehensive set of its own standard class libraries containing much of the same reusable functions commonly found in modern operating systems.

The Java class libraries serve three purposes within the Java Platform. First, like other standard code libraries, the Java libraries provide the programmer a well-known set of functions to perform common tasks, such as maintaining lists of items or performing complex string parsing. Second, the class libraries provide an abstract interface to tasks that would normally depend heavily on the hardware and operating system. Tasks such as network access and file access are often heavily intertwined with the distinctive implementations of each platform. The Java java.net and java.io libraries implement an abstraction layer in native OS code, then provide a standard interface for the Java applications to perform those tasks. Finally, when some underlying platform does not support all of the features a Java application expects, the class libraries work to gracefully handle the absent components, either by emulation to provide a substitute, or at least by providing a consistent way to check for the presence of a specific feature. The Android OS is using Java class libraries which are open source for anyone to use.



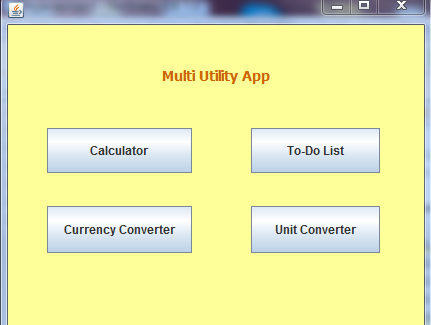
JAVA Platform diagram from Sun

***Execution environment***

Programs intended to run on a JVM must be compiled into a standardized portable binary format, which typically comes in the form of .class files. A program may consist of many classes in different files. For easier distribution of large programs, multiple class files may be packaged together in a .jar file (short for Java archive).

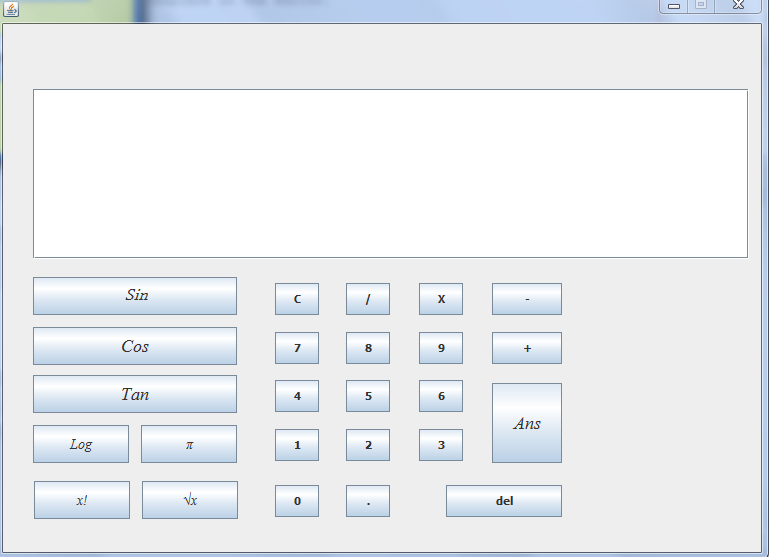
The JVM runtime executes .class or .jar files, emulating the JVM instruction set by interpreting it, or using a just-in-time compiler (JIT) such as Sun's HotSpot. JIT compiling, not interpreting, is used in most JVMs today to achieve greater speed. Ahead-of-time compilers that enable the developer to precompile class files into native code for a particular platforms also exist.Like most virtual machines, the Java Virtual Machine has a stack-based architecture akin to a microcontroller/microprocessor. However, the JVM also has low-level support for Java-like classes and methods, which amounts to a highly idiosyncratic memory model and capability-based architecture.The JVM, which is the instance of the 'JRE' (Java Runtime Environment), comes into action when a Java program is executed. When execution is complete, this instance is garbage collected. JIT is the part of the JVM that is used to speed up the execution time. JIT compiles parts of the byte code that have similar functionality at the same time, and hence reduces the amount of time needed for compilation.

**MULTI UTILITY APP**



**It is very easy to use simply click on above explain button set unit and click on convert button and you will get your answer.**

* **CALCULATOR :-This is a java app devloped using netbeans.it contain general sign and scientific signs also.It performs operations like sine,cos,log,tan etc.it is very efficient to use to perform mathematical calculations**

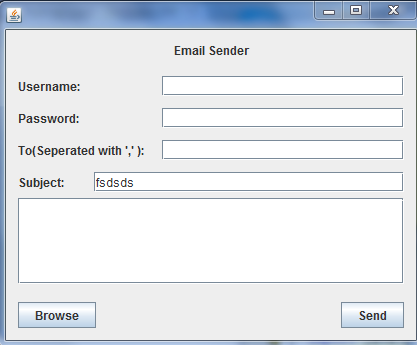
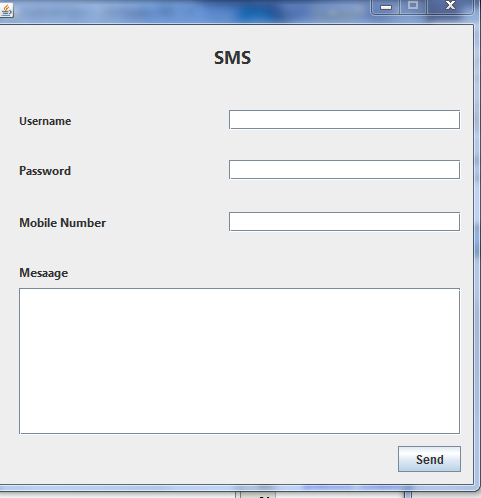
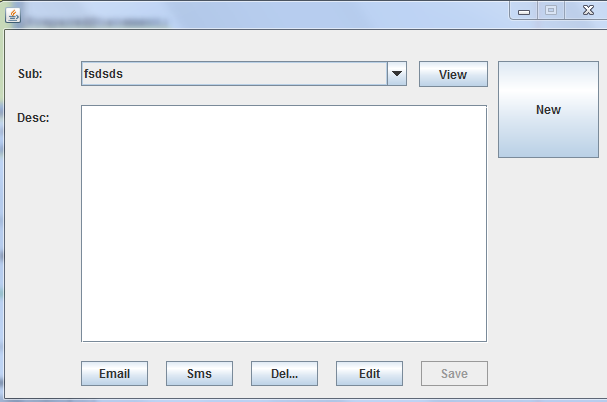


**This is a java app devloped using netbeans.it contain general sign and scientific signs also.**

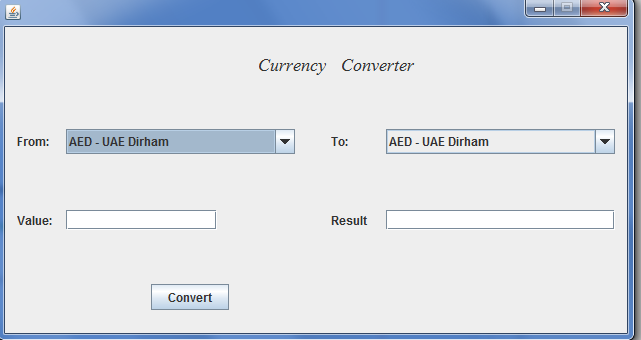
**It performs operations like sine,cos,log,tan etc.it is very efficient to use to perform**

**mathematical calculations**

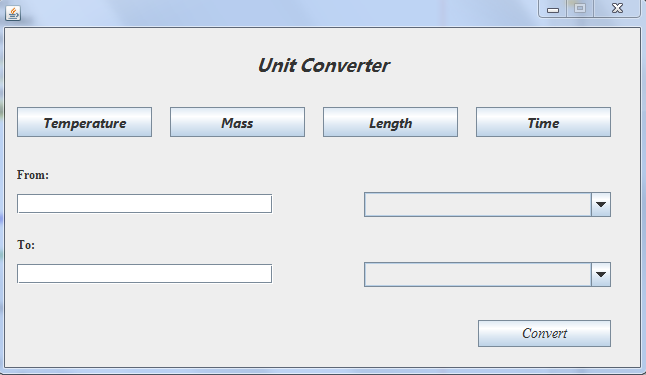
* **ToDoList :-It is list consists of what to do in your activities .It consists of facilities like E-mail,SMS which helps in directly shares your list with your friends .You simply have to click E-mail button on the app and put your destination email and press send button .you can also save your data in this app using its save feature.You can also attach your attachements and important files with it.It also has SMS facilty which is connected through** [**www.site2sms.com**](http://www.site2sms.com) **website which can be use in efficient way to send sms yto your phone without any cost.It is the only way to send sms to phones all india without any cost.It is connected through wamp server and also uses facilty like edit delete etc.and also update to your todolist**



* **CURRENCY CONVERTER :-It is the modern updated currency converter which provides to you latest international currency rates usingwww. yahoo .finance.com.It performs conversion like big currncies like dollar to small currencies like dhinar which is mostly used in arab emirates.It automatically updates currency rates using internet.The main thing is that it requires internet connection to convert from one to another.It is so simple to use just put your currnt currency into from and change the currency which you want into from to button and press convert**



* **UNIT CONVERTER :-It is the modern unit converter which consists of temprature conversion like form centigrade to farhnheit,kelvin,celsius and centimeter to meter.it consists of facilties like**
* **Temprature:-it consists of conversion from farhnheit,celsius etc.**
* **Mass:-it helps in conversion of mass in to kg,grams,min,pounds etc**
* **Time :- which converts sec,days,hours etc**
* **Length :- which helps in conversion of length types like feet,meter ,inches etc.**



JAVA CODE FOR CURRENCY CONVERTER:

/\*

\* To change this template, choose Tools | Templates

\* and open the template in the editor.

\*/

package converters;

import java.io.BufferedReader;

import java.io.InputStreamReader;

import java.net.URL;

import java.util.regex.Matcher;

import java.util.regex.Pattern;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author IMAC

\*/

public class CurrencyConverter extends javax.swing.JFrame {

String FirstVal = "0";

double p;

/\*\*

\* Creates new form CurrencyConverter

\*/

public CurrencyConverter() {

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">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

comboTo = new javax.swing.JComboBox();

jLabel3 = new javax.swing.JLabel();

comboFrom = new javax.swing.JComboBox();

jLabel2 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

jTextField1 = new javax.swing.JTextField();

Result = new javax.swing.JTextField();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

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

setResizable(false);

jLabel1.setText("From:");

comboTo.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "AED - UAE Dirham", "ALL - Albanian Lek", "ANG - Neth Antilles Guilder", "ARS - Argentine Peso", "AUD - Australian Dollar", "AWG - Aruba Florin", "BBD - Barbados Dollar", "BDT - Bangladesh Taka", "BGN - Bulgarian Lev", "BHD - Bahraini Dinar", "BIF - Burundi Franc", "BMD - Bermuda Dollar", "BND - Brunei Dollar", "BOB - Bolivian Boliviano", "BRL - Brazilian Real", "BSD - Bahamian Dollar", "BTN - Bhutan Ngultrum", "BWP - Botswana Pula", "BYR - Belarus Ruble", "BZD - Belize Dollar", "CAD - Canadian Dollar", "CHF - Swiss Franc", "CLP - Chilean Peso", "CNY - Chinese Yuan", "COP - Colombian Peso", "CRC - Costa Rica Colon", "CUP - Cuban Peso", "CVE - Cape Verde Escudo", "CZK - Czech Koruna", "DJF - Dijibouti Franc", "DKK - Danish Krone", "DOP - Dominican Peso", "DZD - Algerian Dinar", "ECS - Ecuador Sucre", "EEK - Estonian Kroon", "EGP - Egyptian Pound", "ERN - Eritrea Nakfa", "ETB - Ethiopian Birr", "EUR - Euro", "FJD - Fiji Dollar", "FKP - Falkland Islands Pound", "GBP - British Pound", "GHC - Ghanian Cedi", "GIP - Gibraltar Pound", "GMD - Gambian Dalasi", "GNF - Guinea Franc", "GTQ - Guatemala Quetzal", "GYD - Guyana Dollar", "HKD - Hong Kong Dollar", "HNL - Honduras Lempira", "HRK - Croatian Kuna", "HTG - Haiti Gourde", "HUF - Hungarian Forint", "IDR - Indonesian Rupiah", "ILS - Israeli Shekel", "INR - Indian Rupee", "IQD - Iraqi Dinar", "IRR - Iran Rial", "ISK - Iceland Krona", "JMD - Jamaican Dollar", "JOD - Jordanian Dinar", "JPY - Japanese Yen", "KES - Kenyan Shilling", "KHR - Cambodia Riel", "KMF - Comoros Franc", "KPW - North Korean Won", "KRW - South Korean Won", "KWD - Kuwaiti Dinar", "KYD - Cayman Islands Dollar", "KZT - Kazakhstan Tenge", "LAK - Lao Kip", "LBP - Lebanese Pound", "LKR - Sri Lanka Rupee", "LRD - Liberian Dollar", "LSL - Lesotho Loti", "LTL - Lithuanian Lita", "LVL - Latvian Lat", "LYD - Libyan Dinar", "MAD - Moroccan Dirham", "MDL - Moldovan Leu", "MKD - Macedonian Denar", "MMK - Myanmar Kyat", "MNT - Mongolian Tugrik", "MOP - Macau Pataca", "MRO - Mauritania Ougulya", "MTL - Maltese Lira", "MUR - Mauritius Rupee", "MVR - Maldives Rufiyaa", "MWK - Malawi Kwacha", "MXN - Mexican Peso", "MYR - Malaysian Ringgit", "NAD - Namibian Dollar", "NGN - Nigerian Naira", "NIO - Nicaragua Cordoba", "NOK - Norwegian Krone", "NPR - Nepalese Rupee", "NZD - New Zealand Dollar", "OMR - Omani Rial", "PAB - Panama Balboa", "PEN - Peruvian Nuevo Sol", "PGK - Papua New Guinea Kina", "PHP - Philippine Peso", "PKR - Pakistani Rupee", "PLN - Polish Zloty", "PYG - Paraguayan Guarani", "QAR - Qatar Rial", "RON - Romanian New Leu", "RUB - Russian Rouble", "RWF - Rwanda Franc", "SAR - Saudi Arabian Riyal", "SBD - Solomon Islands Dollar", "SCR - Seychelles Rupee", "SDG - Sudanese Pound", "SEK - Swedish Krona", "SGD - Singapore Dollar", "SHP - St Helena Pound", "SIT - Slovenian Tolar", "SKK - Slovak Koruna", "SLL - Sierra Leone Leone", "SOS - Somali Shilling", "STD - Sao Tome Dobra", "SVC - El Salvador Colon", "SYP - Syrian Pound", "SZL - Swaziland Lilageni", "THB - Thai Baht", "TND - Tunisian Dinar", "TOP - Tonga Pa'ang", "TRY - Turkish Lira", "TTD - Trinidad Tobago Dollar", "TWD - Taiwan Dollar", "TZS - Tanzanian Shilling", "UAH - Ukraine Hryvnia", "UGX - Ugandan Shilling", "USD - United States Dollar", "UYU - Uruguayan New Peso", "VEF - Venezuelan Bolivar Fuerte", "VND - Vietnam Dong", "VUV - Vanuatu Vatu", "WST - Samoa Tala", "XAF - CFA Franc (BEAC)", "XAG - Silver Ounces", "XAL - Aluminium Ounces", "XAU - Gold Ounces", "XCD - East Caribbean Dollar", "XCP - Copper Pounds", "XOF - CFA Franc (BCEAO)", "XPD - Palladium Ounces", "XPF - Pacific Franc", "XPT - Platinum Ounces", "YER - Yemen Riyal", "ZAR - South African Rand", "ZMK - Zambian Kwacha", "ZWD - Zimbabwe Dollar" }));

jLabel3.setText("Value:");

comboFrom.setModel(new javax.swing.DefaultComboBoxModel(new String[] { "AED - UAE Dirham", "ALL - Albanian Lek", "ANG - Neth Antilles Guilder", "ARS - Argentine Peso", "AUD - Australian Dollar", "AWG - Aruba Florin", "BBD - Barbados Dollar", "BDT - Bangladesh Taka", "BGN - Bulgarian Lev", "BHD - Bahraini Dinar", "BIF - Burundi Franc", "BMD - Bermuda Dollar", "BND - Brunei Dollar", "BOB - Bolivian Boliviano", "BRL - Brazilian Real", "BSD - Bahamian Dollar", "BTN - Bhutan Ngultrum", "BWP - Botswana Pula", "BYR - Belarus Ruble", "BZD - Belize Dollar", "CAD - Canadian Dollar", "CHF - Swiss Franc", "CLP - Chilean Peso", "CNY - Chinese Yuan", "COP - Colombian Peso", "CRC - Costa Rica Colon", "CUP - Cuban Peso", "CVE - Cape Verde Escudo", "CZK - Czech Koruna", "DJF - Dijibouti Franc", "DKK - Danish Krone", "DOP - Dominican Peso", "DZD - Algerian Dinar", "ECS - Ecuador Sucre", "EEK - Estonian Kroon", "EGP - Egyptian Pound", "ERN - Eritrea Nakfa", "ETB - Ethiopian Birr", "EUR - Euro", "FJD - Fiji Dollar", "FKP - Falkland Islands Pound", "GBP - British Pound", "GHC - Ghanian Cedi", "GIP - Gibraltar Pound", "GMD - Gambian Dalasi", "GNF - Guinea Franc", "GTQ - Guatemala Quetzal", "GYD - Guyana Dollar", "HKD - Hong Kong Dollar", "HNL - Honduras Lempira", "HRK - Croatian Kuna", "HTG - Haiti Gourde", "HUF - Hungarian Forint", "IDR - Indonesian Rupiah", "ILS - Israeli Shekel", "INR - Indian Rupee", "IQD - Iraqi Dinar", "IRR - Iran Rial", "ISK - Iceland Krona", "JMD - Jamaican Dollar", "JOD - Jordanian Dinar", "JPY - Japanese Yen", "KES - Kenyan Shilling", "KHR - Cambodia Riel", "KMF - Comoros Franc", "KPW - North Korean Won", "KRW - South Korean Won", "KWD - Kuwaiti Dinar", "KYD - Cayman Islands Dollar", "KZT - Kazakhstan Tenge", "LAK - Lao Kip", "LBP - Lebanese Pound", "LKR - Sri Lanka Rupee", "LRD - Liberian Dollar", "LSL - Lesotho Loti", "LTL - Lithuanian Lita", "LVL - Latvian Lat", "LYD - Libyan Dinar", "MAD - Moroccan Dirham", "MDL - Moldovan Leu", "MKD - Macedonian Denar", "MMK - Myanmar Kyat", "MNT - Mongolian Tugrik", "MOP - Macau Pataca", "MRO - Mauritania Ougulya", "MTL - Maltese Lira", "MUR - Mauritius Rupee", "MVR - Maldives Rufiyaa", "MWK - Malawi Kwacha", "MXN - Mexican Peso", "MYR - Malaysian Ringgit", "NAD - Namibian Dollar", "NGN - Nigerian Naira", "NIO - Nicaragua Cordoba", "NOK - Norwegian Krone", "NPR - Nepalese Rupee", "NZD - New Zealand Dollar", "OMR - Omani Rial", "PAB - Panama Balboa", "PEN - Peruvian Nuevo Sol", "PGK - Papua New Guinea Kina", "PHP - Philippine Peso", "PKR - Pakistani Rupee", "PLN - Polish Zloty", "PYG - Paraguayan Guarani", "QAR - Qatar Rial", "RON - Romanian New Leu", "RUB - Russian Rouble", "RWF - Rwanda Franc", "SAR - Saudi Arabian Riyal", "SBD - Solomon Islands Dollar", "SCR - Seychelles Rupee", "SDG - Sudanese Pound", "SEK - Swedish Krona", "SGD - Singapore Dollar", "SHP - St Helena Pound", "SIT - Slovenian Tolar", "SKK - Slovak Koruna", "SLL - Sierra Leone Leone", "SOS - Somali Shilling", "STD - Sao Tome Dobra", "SVC - El Salvador Colon", "SYP - Syrian Pound", "SZL - Swaziland Lilageni", "THB - Thai Baht", "TND - Tunisian Dinar", "TOP - Tonga Pa'ang", "TRY - Turkish Lira", "TTD - Trinidad Tobago Dollar", "TWD - Taiwan Dollar", "TZS - Tanzanian Shilling", "UAH - Ukraine Hryvnia", "UGX - Ugandan Shilling", "USD - United States Dollar", "UYU - Uruguayan New Peso", "VEF - Venezuelan Bolivar Fuerte", "VND - Vietnam Dong", "VUV - Vanuatu Vatu", "WST - Samoa Tala", "XAF - CFA Franc (BEAC)", "XAG - Silver Ounces", "XAL - Aluminium Ounces", "XAU - Gold Ounces", "XCD - East Caribbean Dollar", "XCP - Copper Pounds", "XOF - CFA Franc (BCEAO)", "XPD - Palladium Ounces", "XPF - Pacific Franc", "XPT - Platinum Ounces", "YER - Yemen Riyal", "ZAR - South African Rand", "ZMK - Zambian Kwacha", "ZWD - Zimbabwe Dollar" }));

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

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

comboFromActionPerformed(evt);

}

});

jLabel2.setText("To:");

jButton1.setText("Convert");

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

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

jButton1ActionPerformed(evt);

}

});

jTextField1.addActionListener(new java.awt.event.ActionListener() {

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

jTextField1ActionPerformed(evt);

}

});

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

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

ResultActionPerformed(evt);

}

});

jLabel4.setText("Result");

jLabel5.setFont(new java.awt.Font("Times New Roman", 2, 18)); // NOI18N

jLabel5.setText(" Currency Converter");

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addGroup(layout.createSequentialGroup()

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

.addGroup(layout.createSequentialGroup()

.addContainerGap()

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

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 37, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(comboFrom, javax.swing.GroupLayout.PREFERRED\_SIZE, 229, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 37, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, 151, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 36, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jLabel4, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT\_SIZE, 37, Short.MAX\_VALUE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(Result)

.addComponent(comboTo, 0, 229, Short.MAX\_VALUE)))

.addGroup(layout.createSequentialGroup()

.addGap(146, 146, 146)

.addComponent(jButton1)

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

.addContainerGap())

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

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

.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED\_SIZE, 231, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(183, 183, 183))

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addGap(24, 24, 24)

.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED\_SIZE, 28, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(50, 50, 50)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 22, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(comboFrom, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 22, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(comboTo, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(55, 55, 55)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 22, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(Result, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel4))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 53, Short.MAX\_VALUE)

.addComponent(jButton1)

.addGap(23, 23, 23))

);

pack();

}// </editor-fold>

private void comboFromActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

String curFromCode = comboFrom.getSelectedItem().toString();

String curToCode = comboTo.getSelectedItem().toString();

try {

FirstVal = jTextField1.getText();

double val = Double.parseDouble(FirstVal);

String url = "http://finance.yahoo.com/q/bcs=" + curFromCode + "" + curToCode + "=X&t=5d&l=on&z=m&q=l&c=";

String results="";

URL thepage = new URL(url);

BufferedReader in = new BufferedReader(new InputStreamReader(thepage.openStream()));

String inputLine;

while ((inputLine = in.readLine()) != null) {

results = results + inputLine;

}

in.close();

Pattern finalPattern = Pattern.compile("x\">([0-9.]+)</span>");

Matcher matchFind = finalPattern.matcher(results);

matchFind.find();

double CurrentRate = Double.valueOf(matchFind.group(1)).doubleValue();

p=val\*CurrentRate;

Result.setText(""+p);

} catch (Exception e) {

JOptionPane.showMessageDialog(this, e);

}

// TODO add your handling code here:

}

private void jTextField1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void ResultActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

/\*\*

\* @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(CurrencyConverter.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(CurrencyConverter.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 CurrencyConverter().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JTextField Result;

private javax.swing.JComboBox comboFrom;

private javax.swing.JComboBox comboTo;

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JTextField jTextField1;

// End of variables declaration

}

JAVA CODE FOR TO DO LIST:

/\*

\* To change this template, choose Tools | Templates

\* and open the template in the editor.

\*/

package todolist;

import java.sql.\*;

import java.sql.PreparedStatement;

import java.util.Scanner;

/\*\*

\*

\* @author Teji

\*/

class Db\_Conn {

public static Connection con;

public Db\_Conn() {

try {

Class.forName("com.mysql.jdbc.Driver");

con = DriverManager.getConnection("jdbc:mysql://localhost:3306/project", "root", "");

System.out.println("connection created");

} catch (Exception e) {

e.printStackTrace();

}

}

}

public class NewJFrame1 extends javax.swing.JFrame {

String FirstVal = "0";

String SecondVal = "0";

public NewJFrame1() {

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">

private void initComponents() {

jTextField1 = new javax.swing.JTextField();

jLabel1 = new javax.swing.JLabel();

jTextField2 = new javax.swing.JTextField();

jLabel2 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

jScrollPane1 = new javax.swing.JScrollPane();

jTextPane1 = new javax.swing.JTextPane();

jTextField1.setText("jTextField1");

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

setResizable(false);

jLabel1.setText("Desc:");

jTextField2.addActionListener(new java.awt.event.ActionListener() {

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

jTextField2ActionPerformed(evt);

}

});

jLabel2.setText("Sub:");

jButton1.setText("Cancel");

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

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

jButton1ActionPerformed(evt);

}

});

jButton2.setText("Save");

jButton2.addActionListener(new java.awt.event.ActionListener() {

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

jButton2ActionPerformed(evt);

}

});

jScrollPane1.setViewportView(jTextPane1);

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addGroup(layout.createSequentialGroup()

.addGap(21, 21, 21)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 37, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 37, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addGroup(layout.createSequentialGroup()

.addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT\_SIZE, 299, Short.MAX\_VALUE)

.addGap(14, 14, 14))

.addGroup(layout.createSequentialGroup()

.addComponent(jButton1)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 191, Short.MAX\_VALUE)

.addComponent(jButton2))

.addComponent(jTextField2))

.addContainerGap(19, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addGap(28, 28, 28)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED\_SIZE, 27, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

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

.addGroup(layout.createSequentialGroup()

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 26, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(14, 14, 14)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 210, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

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

.addComponent(jButton2)

.addComponent(jButton1))

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

FirstVal = jTextField2.getText();

jTextField2.setText("");

SecondVal = jTextPane1.getText();

jTextPane1.setText("");

Db\_Conn conn = new Db\_Conn();

PreparedStatement ps=null;

try{

ps=Db\_Conn.con.prepareStatement("insert into todolist(Subject,Description) values('"+FirstVal+"','"+SecondVal+"')");

int x=ps.executeUpdate();

if(x>0)

{

System.out.println("data insert itno table :");

}

else

System.out.println("enter again");

}

catch(Exception e)

{

System.out.println("gj"+e);

}

// TODO add your handling code here:

}

private void jTextField2ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

this.dispose();

// TODO add your handling code here:

}

/\*\*

\* @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(NewJFrame1.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(NewJFrame1.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(NewJFrame1.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(NewJFrame1.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 NewJFrame1().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTextField jTextField1;

private javax.swing.JTextField jTextField2;

private javax.swing.JTextPane jTextPane1;

// End of variables declaration

}

JAVA CODE FOR UNIT CONVERTER:

/\*

\* To change this template, choose Tools | Templates

\* and open the template in the editor.

\*/

package converters;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author Teji

\*/

public class unitconverter extends javax.swing.JFrame {

/\*\*

\* Creates new form unitconverter

\*/

public unitconverter() {

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">

private void initComponents() {

jButton2 = new javax.swing.JButton();

jButton5 = new javax.swing.JButton();

jButton6 = new javax.swing.JButton();

jButton7 = new javax.swing.JButton();

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

fromm = new javax.swing.JComboBox();

to = new javax.swing.JComboBox();

jTextField2 = new javax.swing.JTextField();

jLabel3 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

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

setResizable(false);

jButton2.setFont(new java.awt.Font("Segoe UI", 3, 14)); // NOI18N

jButton2.setText("Temperature");

jButton2.addActionListener(new java.awt.event.ActionListener() {

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

jButton2ActionPerformed(evt);

}

});

jButton5.setFont(new java.awt.Font("Segoe UI", 3, 14)); // NOI18N

jButton5.setText("Time");

jButton5.addActionListener(new java.awt.event.ActionListener() {

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

jButton5ActionPerformed(evt);

}

});

jButton6.setFont(new java.awt.Font("Segoe UI", 3, 14)); // NOI18N

jButton6.setText("Mass");

jButton6.addActionListener(new java.awt.event.ActionListener() {

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

jButton6ActionPerformed(evt);

}

});

jButton7.setFont(new java.awt.Font("Segoe UI", 3, 14)); // NOI18N

jButton7.setText("Length");

jButton7.addActionListener(new java.awt.event.ActionListener() {

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

jButton7ActionPerformed(evt);

}

});

jLabel1.setFont(new java.awt.Font("Microsoft YaHei", 3, 18)); // NOI18N

jLabel1.setText(" Unit Converter");

jLabel2.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N

jLabel2.setText("From:");

jLabel3.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N

jLabel3.setText("To:");

jButton1.setFont(new java.awt.Font("Times New Roman", 2, 14)); // NOI18N

jButton1.setText("Convert");

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

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

jButton1ActionPerformed(evt);

}

});

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addGroup(layout.createSequentialGroup()

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

.addGroup(layout.createSequentialGroup()

.addGap(141, 141, 141)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 376, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED\_SIZE, 133, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

.addComponent(jLabel3, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.PREFERRED\_SIZE, 61, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel2, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.PREFERRED\_SIZE, 61, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(javax.swing.GroupLayout.Alignment.LEADING, layout.createSequentialGroup()

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, 256, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(fromm, javax.swing.GroupLayout.PREFERRED\_SIZE, 247, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(javax.swing.GroupLayout.Alignment.LEADING, layout.createSequentialGroup()

.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(jButton6, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(jButton7, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(jButton5, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED\_SIZE, 256, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(to, javax.swing.GroupLayout.PREFERRED\_SIZE, 247, javax.swing.GroupLayout.PREFERRED\_SIZE))))))

.addContainerGap(29, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addGap(22, 22, 22)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 31, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(26, 26, 26)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jButton2)

.addComponent(jButton6)

.addComponent(jButton7)

.addComponent(jButton5))

.addGap(28, 28, 28)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 21, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(fromm, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 21, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(to, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(33, 33, 33)

.addComponent(jButton1)

.addContainerGap(20, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {

fromm.removeAllItems();

to.removeAllItems();

fromm.addItem("Seconds");

fromm.addItem("MilliSeconds");

fromm.addItem("minutes");

fromm.addItem("Hours");

fromm.addItem("Days");

to.addItem("Seconds");

to.addItem("MilliSeconds");

to.addItem("minutes");

to.addItem("Hours");

to.addItem("Days");

// TODO add your handling code here:

}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

double from=1,val=1;

try{

from=Double.parseDouble(jTextField1.getText());

}

catch(NumberFormatException e)

{

JOptionPane.showMessageDialog(null,"please enter numbers");

}

// <-------------------Time------------------>

if(fromm.getSelectedItem().toString().equals("MilliSeconds")){

if(to.getSelectedItem().toString().equals("Seconds")){

val=from/1000;

}

else if(to.getSelectedItem().toString().equals("MilliSeconds")){

val=from;

}

else if(to.getSelectedItem().toString().equals("Minutes")){

val=from/60000;

}

else if(to.getSelectedItem().toString().equals("Hours")){

val=from/3600000;

}

else if(to.getSelectedItem().toString().equals("Days")){

val=from/(3600000\*24);

}

jTextField2.setText(""+val);

}

if(fromm.getSelectedItem().toString().equals("Seconds")){

if(to.getSelectedItem().toString().equals("Seconds")){

val=from;

}

else if(to.getSelectedItem().toString().equals("MilliSeconds"))

{

val=from\*1000;

}

else if(to.getSelectedItem().toString().equals("Minutes"))

{

val=from/60;

}

else if(to.getSelectedItem().toString().equals("Hours"))

{

val=from/3600;

}

else if(to.getSelectedItem().toString().equals("Days"))

{

val=from/(3600\*24);

}

jTextField2.setText(""+val);

}

if (fromm.getSelectedItem().toString().equals("Minutes")){

if(to.getSelectedItem().toString().equals("Seconds")){

val=from\*60;

}

else if(to.getSelectedItem().toString().equals("MilliSeconds"))

{

val=from\*60000;

}

else if(to.getSelectedItem().toString().equals("Minutes"))

{

val=from;

}

else if(to.getSelectedItem().toString().equals("Hours"))

{

val=from/60;

}

else if(to.getSelectedItem().toString().equals("Days"))

{

val=from/1440;

}

jTextField2.setText(""+val);

}

if (fromm.getSelectedItem().toString().equals("Hours")){

if(to.getSelectedItem().toString().equals("Seconds")){

val=from\*3600;

}

else if(to.getSelectedItem().toString().equals("MilliSeconds"))

{

val=from\*3600000;

}

else if(to.getSelectedItem().toString().equals("Minutes"))

{

val=from\*60;

}

else if(to.getSelectedItem().toString().equals("Hours"))

{

val=from;

}

else if(to.getSelectedItem().toString().equals("Days"))

{

val=from/24;

}

jTextField2.setText(""+val);

}

if (fromm.getSelectedItem().toString().equals("Days")){

if(to.getSelectedItem().toString().equals("Seconds")){

val=from\*(3600\*24);

}

else if(to.getSelectedItem().toString().equals("MilliSeconds"))

{

val=from\*(3600000\*24);

}

else if(to.getSelectedItem().toString().equals("Minutes"))

{

val=from\*24\*3600;

}

else if(to.getSelectedItem().toString().equals("Hours"))

{

val=from\*24;

}

else if(to.getSelectedItem().toString().equals("Days"))

{

val=from;

}

jTextField2.setText(""+val);

}

// <------------length----------->

if (fromm.getSelectedItem().toString().equals("Killometers")){

if(to.getSelectedItem().toString().equals("Killometers")){

val=from;

}

else if(to.getSelectedItem().toString().equals("Centimeters"))

{

val=from\*100000;

}

else if(to.getSelectedItem().toString().equals("Inches"))

{

val=from\*39370.078740157;

}

else if(to.getSelectedItem().toString().equals("Feet"))

{

val=from\*3280.8398950131;

}

else if(to.getSelectedItem().toString().equals("Meters"))

{

val=from\*1000;

}

jTextField2.setText(""+val);

}

if (fromm.getSelectedItem().toString().equals("Centimeters")){

if(to.getSelectedItem().toString().equals("Killometers")){

val=from/100000;

}

else if(to.getSelectedItem().toString().equals("Centimeters"))

{

val=from;

}

else if(to.getSelectedItem().toString().equals("Inches"))

{

val=from\*0.39370078740157;

}

else if(to.getSelectedItem().toString().equals("Feet"))

{

val=from\*0.032808398950131;

}

else if(to.getSelectedItem().toString().equals("Meters"))

{

val=from/100;

}

jTextField2.setText(""+val);

}

if (fromm.getSelectedItem().toString().equals("Inches")){

if(to.getSelectedItem().toString().equals("Killometers")){

val=from\*0.0000254;

}

else if(to.getSelectedItem().toString().equals("Centimeters"))

{

val=from\*2.54;

}

else if(to.getSelectedItem().toString().equals("Inches"))

{

val=from;

}

else if(to.getSelectedItem().toString().equals("Feet"))

{

val=from\*0.083333333333333;

}

else if(to.getSelectedItem().toString().equals("Meters"))

{

val=from\*0.0254;

}

// jTextField2.setText(""+val);

jTextField2.setText(""+val);

}

if (fromm.getSelectedItem().toString().equals("Meters")){

if(to.getSelectedItem().toString().equals("Killometers")){

val=from/1000;

}

else if(to.getSelectedItem().toString().equals("Centimeters"))

{

val=from\*100;

}

else if(to.getSelectedItem().toString().equals("Inches"))

{

val=from\*39.370078740157;

}

else if(to.getSelectedItem().toString().equals("Feet"))

{

val=from/3.2808398950131;

}

else if(to.getSelectedItem().toString().equals("Meters"))

{

val=from;

}

// jTextField2.setText(""+val);

jTextField2.setText(""+val);

}

if (fromm.getSelectedItem().toString().equals("Feet")){

if(to.getSelectedItem().toString().equals("Killometers")){

val=from\*0.0003048;

}

else if(to.getSelectedItem().toString().equals("Centimeters"))

{

val=from\*30.48;

}

else if(to.getSelectedItem().toString().equals("Inches"))

{

val=from\*12;

}

else if(to.getSelectedItem().toString().equals("Feet"))

{

val=from;

}

else if(to.getSelectedItem().toString().equals("Meters"))

{

val=from\*0.3048;

}

// jTextField2.setText(""+val);

jTextField2.setText(""+val);

}

// <-------------------Mass------------->

if (fromm.getSelectedItem().toString().equals("Grams")){

if(to.getSelectedItem().toString().equals("Grams")){

val=from;

}

else if(to.getSelectedItem().toString().equals("Milligrams"))

{

val=from\*1000;

}

else if(to.getSelectedItem().toString().equals("Kilograms"))

{

val=from/1000;

}

jTextField2.setText(""+val);

}

if (fromm.getSelectedItem().toString().equals("Milligrams")){

if(to.getSelectedItem().toString().equals("Grams")){

val=from/1000;

}

else if(to.getSelectedItem().toString().equals("Milligrams"))

{

val=from;

}

else if(to.getSelectedItem().toString().equals("Killograms"))

{

val=from/1000000;

}

jTextField2.setText(""+val);

}

if (fromm.getSelectedItem().toString().equals("Killograms")){

if(to.getSelectedItem().toString().equals("Grams")){

val=from\*1000;

}

else if(to.getSelectedItem().toString().equals("Milligrams"))

{

val=from\*1000000;

}

else if(to.getSelectedItem().toString().equals("Killograms"))

{

val=from;

}

jTextField2.setText(""+val);

}

// <-----------------Temperature---------->

if (fromm.getSelectedItem().toString().equals("Fahrenheit")){

if(to.getSelectedItem().toString().equals("Fahrenheit")){

val=from;

}

else if(to.getSelectedItem().toString().equals("Celsius"))

{

val=5/9\*(from-32);

}

else if(to.getSelectedItem().toString().equals("Kelvin"))

{

val=(from - 32) \* 5/9 + 273.15;

}

jTextField2.setText(""+val);

}

if (fromm.getSelectedItem().toString().equals("Celsius")){

if(to.getSelectedItem().toString().equals("Fahrenheit")){

val=(from \* 9/5) + 32;

}

else if(to.getSelectedItem().toString().equals("Celsius"))

{

val=from;

}

else if(to.getSelectedItem().toString().equals("Kelvin"))

{

val=from + 273.15;

}

jTextField2.setText(""+val);

}

if (fromm.getSelectedItem().toString().equals("kelvin")){

if(to.getSelectedItem().toString().equals("Fahrenheit")){

val=(from - 273.15) \* 9/5 + 32;

}

else if(to.getSelectedItem().toString().equals("Celsius"))

{

val=from - 273.15;

}

else if(to.getSelectedItem().toString().equals("Kelvin"))

{

val=from;

}

jTextField2.setText(""+val);

}

// TODO add your handling code here:

}

private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {

fromm.removeAllItems();

to.removeAllItems();

fromm.addItem("Meters");

fromm.addItem("Killometers");

fromm.addItem("Centimeters");

fromm.addItem("Feet");

fromm.addItem("Inches");

to.addItem("Meters");

to.addItem("Killometers");

to.addItem("Centimeters");

to.addItem("Feet");

to.addItem("Inches");

// TODO add your handling code here:

}

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {

fromm.removeAllItems();

to.removeAllItems(); // TODO add your handling code here:

fromm.addItem("Grams");

fromm.addItem("Milligrams");

fromm.addItem("Killograms");

to.addItem("Grams");

to.addItem("Milligrams");

to.addItem("Kilograms");

// TODO add your handling code here:

}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

fromm.removeAllItems();

to.removeAllItems(); // TODO add your handling code here:

fromm.addItem("Fahrenheit");

fromm.addItem("Celsius");

fromm.addItem("Kelvin");

to.addItem("Fahrenheit");

to.addItem("Celsius");

to.addItem("Kelvin");

// TODO add your handling code here:

}

/\*\*

\* @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(unitconverter.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(unitconverter.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 unitconverter().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JComboBox fromm;

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton5;

private javax.swing.JButton jButton6;

private javax.swing.JButton jButton7;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JTextField jTextField1;

private javax.swing.JTextField jTextField2;

private javax.swing.JComboBox to;

// End of variables declaration

}

JAVA CODE FOR CALCULATOR:

/\*

\* To change this template, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication1;

/\*\*

\*

\* @author IMAC

\*/

public class NewJFrame extends javax.swing.JFrame {

String FirstVal = "0", SecondVal = "0", Operator = "";

double result = 0;

/\*\*

\* Creates new form NewJFrame

\*/

public NewJFrame() {

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">

private void initComponents() {

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

jButton3 = new javax.swing.JButton();

jButton4 = new javax.swing.JButton();

jButton5 = new javax.swing.JButton();

jButton6 = new javax.swing.JButton();

jButton7 = new javax.swing.JButton();

jButton8 = new javax.swing.JButton();

jButton9 = new javax.swing.JButton();

jButton11 = new javax.swing.JButton();

jButton12 = new javax.swing.JButton();

jButton13 = new javax.swing.JButton();

jButton14 = new javax.swing.JButton();

jButton15 = new javax.swing.JButton();

jButton16 = new javax.swing.JButton();

jButton17 = new javax.swing.JButton();

jButton20 = new javax.swing.JButton();

jButton10 = new javax.swing.JButton();

jButton18 = new javax.swing.JButton();

jButton22 = new javax.swing.JButton();

jButton23 = new javax.swing.JButton();

jButton24 = new javax.swing.JButton();

jButton25 = new javax.swing.JButton();

jButton26 = new javax.swing.JButton();

jButton27 = new javax.swing.JButton();

screen = new javax.swing.JTextField();

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

setAlwaysOnTop(true);

setBackground(new java.awt.Color(0, 0, 0));

setResizable(false);

jButton1.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton1.setText("/");

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

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

jButton1ActionPerformed(evt);

}

});

jButton2.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton2.setText("C");

jButton2.addActionListener(new java.awt.event.ActionListener() {

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

jButton2ActionPerformed(evt);

}

});

jButton3.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton3.setText("X");

jButton3.addActionListener(new java.awt.event.ActionListener() {

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

jButton3ActionPerformed(evt);

}

});

jButton4.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton4.setText("del");

jButton4.addActionListener(new java.awt.event.ActionListener() {

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

jButton4ActionPerformed(evt);

}

});

jButton5.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton5.setText("4");

jButton5.addActionListener(new java.awt.event.ActionListener() {

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

jButton5ActionPerformed(evt);

}

});

jButton6.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton6.setText("7");

jButton6.addActionListener(new java.awt.event.ActionListener() {

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

jButton6ActionPerformed(evt);

}

});

jButton7.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton7.setText("1");

jButton7.addActionListener(new java.awt.event.ActionListener() {

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

jButton7ActionPerformed(evt);

}

});

jButton8.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton8.setText("0");

jButton8.addActionListener(new java.awt.event.ActionListener() {

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

jButton8ActionPerformed(evt);

}

});

jButton9.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton9.setText(".");

jButton9.addActionListener(new java.awt.event.ActionListener() {

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

jButton9ActionPerformed(evt);

}

});

jButton11.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton11.setText("5");

jButton11.addActionListener(new java.awt.event.ActionListener() {

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

jButton11ActionPerformed(evt);

}

});

jButton12.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton12.setText("2");

jButton12.addActionListener(new java.awt.event.ActionListener() {

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

jButton12ActionPerformed(evt);

}

});

jButton13.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton13.setText("8");

jButton13.addActionListener(new java.awt.event.ActionListener() {

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

jButton13ActionPerformed(evt);

}

});

jButton14.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton14.setText("3");

jButton14.addActionListener(new java.awt.event.ActionListener() {

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

jButton14ActionPerformed(evt);

}

});

jButton15.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton15.setText("-");

jButton15.addActionListener(new java.awt.event.ActionListener() {

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

jButton15ActionPerformed(evt);

}

});

jButton16.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton16.setText("6");

jButton16.addActionListener(new java.awt.event.ActionListener() {

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

jButton16ActionPerformed(evt);

}

});

jButton17.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton17.setText("+");

jButton17.addActionListener(new java.awt.event.ActionListener() {

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

jButton17ActionPerformed(evt);

}

});

jButton20.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton20.setText("9");

jButton20.addActionListener(new java.awt.event.ActionListener() {

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

jButton20ActionPerformed(evt);

}

});

jButton10.setFont(new java.awt.Font("Times New Roman", 2, 14)); // NOI18N

jButton10.setText(" √x ");

jButton10.addActionListener(new java.awt.event.ActionListener() {

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

jButton10ActionPerformed(evt);

}

});

jButton18.setFont(new java.awt.Font("Traditional Arabic", 2, 18)); // NOI18N

jButton18.setText("Sin");

jButton18.addActionListener(new java.awt.event.ActionListener() {

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

jButton18ActionPerformed(evt);

}

});

jButton22.setFont(new java.awt.Font("Times New Roman", 2, 14)); // NOI18N

jButton22.setText("x!");

jButton22.addActionListener(new java.awt.event.ActionListener() {

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

jButton22ActionPerformed(evt);

}

});

jButton23.setFont(new java.awt.Font("Times New Roman", 2, 18)); // NOI18N

jButton23.setText("Cos");

jButton23.addActionListener(new java.awt.event.ActionListener() {

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

jButton23ActionPerformed(evt);

}

});

jButton24.setFont(new java.awt.Font("Times New Roman", 2, 14)); // NOI18N

jButton24.setText("Log");

jButton24.addActionListener(new java.awt.event.ActionListener() {

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

jButton24ActionPerformed(evt);

}

});

jButton25.setFont(new java.awt.Font("Times New Roman", 2, 18)); // NOI18N

jButton25.setText("Tan");

jButton25.addActionListener(new java.awt.event.ActionListener() {

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

jButton25ActionPerformed(evt);

}

});

jButton26.setFont(new java.awt.Font("Times New Roman", 2, 14)); // NOI18N

jButton26.setText("π");

jButton26.addActionListener(new java.awt.event.ActionListener() {

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

jButton26ActionPerformed(evt);

}

});

jButton27.setFont(new java.awt.Font("Times New Roman", 2, 18)); // NOI18N

jButton27.setText("Ans");

jButton27.addActionListener(new java.awt.event.ActionListener() {

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

jButton27ActionPerformed(evt);

}

});

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

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

screenActionPerformed(evt);

}

});

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addGroup(layout.createSequentialGroup()

.addGap(30, 30, 30)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(screen)

.addGroup(layout.createSequentialGroup()

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

.addGroup(layout.createSequentialGroup()

.addGap(1, 1, 1)

.addComponent(jButton22, javax.swing.GroupLayout.PREFERRED\_SIZE, 96, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(jButton10, javax.swing.GroupLayout.PREFERRED\_SIZE, 96, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jButton25, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.DEFAULT\_SIZE, 203, Short.MAX\_VALUE)

.addComponent(jButton23, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jButton18, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addComponent(jButton24, javax.swing.GroupLayout.PREFERRED\_SIZE, 96, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(jButton26, javax.swing.GroupLayout.PREFERRED\_SIZE, 96, javax.swing.GroupLayout.PREFERRED\_SIZE))))

.addGap(37, 37, 37)

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

.addGroup(layout.createSequentialGroup()

.addComponent(jButton8, javax.swing.GroupLayout.PREFERRED\_SIZE, 44, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(27, 27, 27)

.addComponent(jButton9, javax.swing.GroupLayout.PREFERRED\_SIZE, 44, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jButton4, javax.swing.GroupLayout.PREFERRED\_SIZE, 116, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

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

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

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jButton13, javax.swing.GroupLayout.PREFERRED\_SIZE, 44, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(layout.createSequentialGroup()

.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED\_SIZE, 44, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(27, 27, 27)

.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED\_SIZE, 44, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addComponent(jButton11, javax.swing.GroupLayout.PREFERRED\_SIZE, 44, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addGroup(layout.createSequentialGroup()

.addGap(29, 29, 29)

.addComponent(jButton3, javax.swing.GroupLayout.PREFERRED\_SIZE, 44, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jButton16, javax.swing.GroupLayout.PREFERRED\_SIZE, 44, javax.swing.GroupLayout.PREFERRED\_SIZE))))

.addGroup(layout.createSequentialGroup()

.addComponent(jButton6, javax.swing.GroupLayout.PREFERRED\_SIZE, 44, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jButton20, javax.swing.GroupLayout.PREFERRED\_SIZE, 44, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addComponent(jButton7, javax.swing.GroupLayout.PREFERRED\_SIZE, 44, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(layout.createSequentialGroup()

.addGap(71, 71, 71)

.addComponent(jButton12, javax.swing.GroupLayout.PREFERRED\_SIZE, 44, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(29, 29, 29)

.addComponent(jButton14, javax.swing.GroupLayout.PREFERRED\_SIZE, 44, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addComponent(jButton5, javax.swing.GroupLayout.PREFERRED\_SIZE, 44, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(29, 29, 29)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jButton27, javax.swing.GroupLayout.DEFAULT\_SIZE, 70, Short.MAX\_VALUE)

.addComponent(jButton17, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jButton15, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))))))

.addContainerGap(37, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

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

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addGap(65, 65, 65)

.addComponent(screen, javax.swing.GroupLayout.DEFAULT\_SIZE, 170, Short.MAX\_VALUE)

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jButton18, javax.swing.GroupLayout.PREFERRED\_SIZE, 38, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jButton1, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jButton3, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton15, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE))))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jButton6, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton13, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton20, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton23, javax.swing.GroupLayout.PREFERRED\_SIZE, 38, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton17, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE))

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

.addGroup(layout.createSequentialGroup()

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jButton25, javax.swing.GroupLayout.PREFERRED\_SIZE, 38, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton5, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton11, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton16, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jButton24, javax.swing.GroupLayout.PREFERRED\_SIZE, 38, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton26, javax.swing.GroupLayout.PREFERRED\_SIZE, 38, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton14, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton7, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton12, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGroup(layout.createSequentialGroup()

.addGap(18, 18, 18)

.addComponent(jButton27, javax.swing.GroupLayout.PREFERRED\_SIZE, 80, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jButton22, javax.swing.GroupLayout.PREFERRED\_SIZE, 38, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton10, javax.swing.GroupLayout.PREFERRED\_SIZE, 38, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton9, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton8, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton4, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(33, 33, 33))

);

pack();

}// </editor-fold>

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

FirstVal = screen.getText();

screen.setText("");

Operator = "/"; // TODO add your handling code here:

// TODO add your handling code here:

}

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {

screen.setText(screen.getText() + "7"); // TODO add your handling code here:

}

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {

screen.setText(screen.getText() + "4"); // TODO add your handling code here:

}

private void jButton12ActionPerformed(java.awt.event.ActionEvent evt) {

screen.setText(screen.getText() + "2"); // TODO add your handling code here:

}

private void jButton11ActionPerformed(java.awt.event.ActionEvent evt) {

screen.setText(screen.getText() + "5"); // TODO add your handling code here:

}

private void jButton16ActionPerformed(java.awt.event.ActionEvent evt) {

screen.setText(screen.getText() + "6"); // TODO add your handling code here:

}

private void jButton14ActionPerformed(java.awt.event.ActionEvent evt) {

screen.setText(screen.getText() + "3"); // TODO add your handling code here:

}

private void jButton15ActionPerformed(java.awt.event.ActionEvent evt) {

FirstVal = screen.getText();

screen.setText("");

Operator = "-"; // TODO add your handling code here:

}

private void jButton18ActionPerformed(java.awt.event.ActionEvent evt) {

FirstVal = screen.getText();

screen.setText("");

Operator = "Sin";

// TODO add your handling code here:

}

private void jButton17ActionPerformed(java.awt.event.ActionEvent evt) {

FirstVal = screen.getText();

screen.setText("");

Operator = "+";

}

private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

screen.setText(screen.getText() + "1");

}

private void jButton8ActionPerformed(java.awt.event.ActionEvent evt) {

screen.setText(screen.getText() + "0"); // TODO add your handling code here:

}

private void jButton9ActionPerformed(java.awt.event.ActionEvent evt) {

screen.setText(screen.getText() + "."); // TODO add your handling code here:

}

private void jButton13ActionPerformed(java.awt.event.ActionEvent evt) {

screen.setText(screen.getText() + "8"); // TODO add your handling code here:

}

private void jButton20ActionPerformed(java.awt.event.ActionEvent evt) {

screen.setText(screen.getText() + "9"); // TODO add your handling code here:

}

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {

FirstVal = screen.getText();

//screen.setText("");

Operator = "del";

String str = screen.getText();

int i = str.length();

str = str.substring(0, i - 1);

screen.setText(str);

// TODO add your handling code here:

}

private void screenActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void jButton27ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

SecondVal = screen.getText();

if (!FirstVal.equals("")) {

if (Operator.equals("+")) {

result = Double.parseDouble(FirstVal) + Double.parseDouble(SecondVal);

screen.setText("" + result);

}

if (Operator.equals("-")) {

result = Double.parseDouble(FirstVal) - Double.parseDouble(SecondVal);

screen.setText("" + result);

}

if (Operator.equals("X")) {

result = Double.parseDouble(FirstVal) \* Double.parseDouble(SecondVal);

screen.setText("" + result);

}

if (Operator.equals("/")) {

result = Double.parseDouble(FirstVal) / Double.parseDouble(SecondVal);

screen.setText("" + result);

}

if (Operator.equals("Sin")) {

result = Math.sin(Double.parseDouble(FirstVal));

screen.setText("" + result);

}

if (Operator.equals("Cos")) {

result = Math.cos(Double.parseDouble(FirstVal));

screen.setText("" + result);

}

if (Operator.equals("Tan")) {

result = Math.tan(Double.parseDouble(FirstVal));

screen.setText("" + result);

}

if (Operator.equals("π")) {

result = Double.parseDouble(FirstVal) \* 3.1412;

screen.setText("" + result);

}

if (Operator.equals("x!")) {

int FirstVal, c, fact = 1;

FirstVal = Integer.parseInt(screen.getText());

if (FirstVal > 0) {

for (c = 1; c <= FirstVal; c++) {

fact = fact \* c;

}

}

screen.setText(""+fact);

}

if (Operator.equals(" √x ")) {

result = Math.sqrt(Double.parseDouble(FirstVal));

screen.setText("" + result);

}

if (Operator.equals(" Log ")) {

result = Math.log(Double.parseDouble(FirstVal));

screen.setText("" + result);

}

}

}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

FirstVal = screen.getText();

screen.setText("");

Operator = "c"; // TODO add your handling code here:

}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

FirstVal = screen.getText();

screen.setText("");

Operator = "X"; // TODO add your handling code here:

}

private void jButton23ActionPerformed(java.awt.event.ActionEvent evt) {

FirstVal = screen.getText();

screen.setText("");

Operator = "Cos";

// TODO add your handling code here:

}

private void jButton25ActionPerformed(java.awt.event.ActionEvent evt) {

FirstVal = screen.getText();

screen.setText("");

Operator = "Tan";// TODO add your handling code here:

}

private void jButton26ActionPerformed(java.awt.event.ActionEvent evt) {

FirstVal = screen.getText();

screen.setText("");

Operator = "π";// TODO add your handling code here:

}

private void jButton22ActionPerformed(java.awt.event.ActionEvent evt) {

FirstVal = screen.getText();

//screen.setText("");

Operator = "x!";

// TODO add your handling code here:

}

private void jButton10ActionPerformed(java.awt.event.ActionEvent evt) {

FirstVal=screen.getText();

screen.setText("");

Operator = " √x ";

// TODO add your handling code here:

}

private void jButton24ActionPerformed(java.awt.event.ActionEvent evt) {

FirstVal=screen.getText();

screen.setText("");

Operator = " Log ";

// TODO add your handling code here:

}

/\*\*

\* @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(NewJFrame.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(NewJFrame.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 NewJFrame().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton10;

private javax.swing.JButton jButton11;

private javax.swing.JButton jButton12;

private javax.swing.JButton jButton13;

private javax.swing.JButton jButton14;

private javax.swing.JButton jButton15;

private javax.swing.JButton jButton16;

private javax.swing.JButton jButton17;

private javax.swing.JButton jButton18;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton20;

private javax.swing.JButton jButton22;

private javax.swing.JButton jButton23;

private javax.swing.JButton jButton24;

private javax.swing.JButton jButton25;

private javax.swing.JButton jButton26;

private javax.swing.JButton jButton27;

private javax.swing.JButton jButton3;

private javax.swing.JButton jButton4;

private javax.swing.JButton jButton5;

private javax.swing.JButton jButton6;

private javax.swing.JButton jButton7;

private javax.swing.JButton jButton8;

private javax.swing.JButton jButton9;

private javax.swing.JTextField screen;

// End of variables declaration

}

***Bibliography***

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• http://www.mkyong.com

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• www.javabeginner.com/

• www.webdeveloper.com

• www.slideshare.net

• www.webdesigners-directory.com/webdesignskill/JAVA

***Books:***

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• Thinking In Java By Bruce Eckel

• Java in a nutshell By David Flanagan

• Java Programming Language By Ken Arnold, James Gosling, David Holmes

• Head First Java By Kathy Sierra, Bert Bates

• Programming with Java By E Balagurusamy

• Beginning JSP Web Development By Casey Kochmer

• More Servlets and Java-Server Pages By Marty Hall

• Core Web Programming By Marty Hall and Larry Brown