

A JAVA Program for International Arbitrage

Contents of my Presentation

Environment

Topics arose

Scope and purpose

Overview and structure

My program

Existing systems

Conclusion

He Zhang
1814665

A JAVA Program for International Arbitrage

Environment

Applying Computer methods to the process of analyzing finance and economy will do help to improve the efficiency of working.

Typical financial business system:

card coupons trading system

Financial management information systems:

mainly have FMIS, OA

The new financial business system:

self-help bank business system, online banking system

A JAVA Program for International Arbitrage

Topics arose

This project is going to try to this initially by looking at a straightforward implementation based upon what's called the JAVA application to help investors who want to have arbitrages. All this will be conducive to saner and less wrong financial decisions.

A JAVA Program for International Arbitrage

Scope and purpose

Scope: a well-designed JAVA application to analyze international arbitrages

Purposes:

Learn international arbitrage through building the International Arbitrage System

Learn about the use of web services using query services

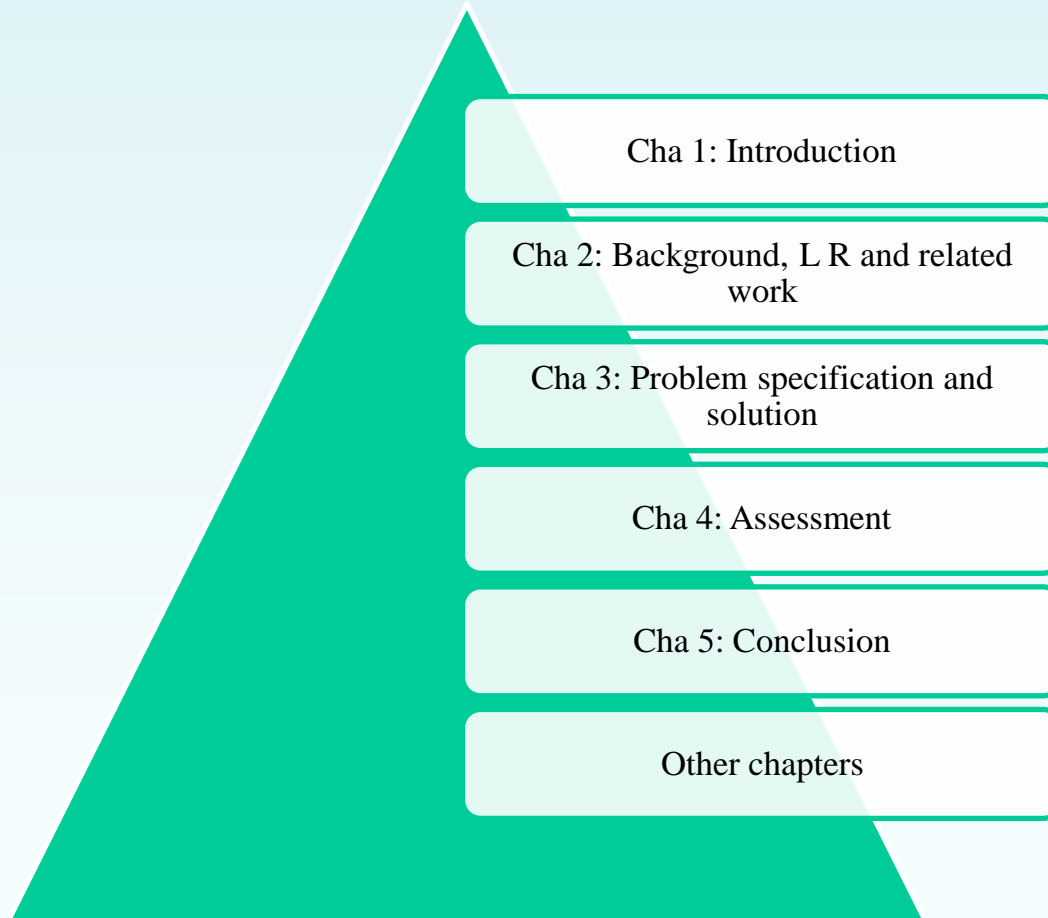
Enhance the knowledge of JAVA and object orientated design

Gain practical experience of JAVA development

Gain the new knowledge about HTML PARSER

A JAVA Program for International Arbitrage

Overview and structure



What is international arbitrage

Can be loosely defined as making a profit from a discrepancy in quoted prices.

There are three common forms.

A JAVA Program for International Arbitrage

My program

```
import java.applet.Applet;  
import java.awt.BorderLayout;  
import java.awt.Frame;  
import java.awt.Panel;  
import java.awt.event.ActionEvent;  
import java.awt.event.ActionListener;  
import java.awt.event.WindowEvent;  
import java.awt.event.WindowListener;  
  
import javax.swing.JButton;  
import javax.swing.JComboBox;  
import javax.swing.JFrame;  
import javax.swing.JLabel;
```

A JAVA Program for International Arbitrage

Existing systems

The screenshot displays the Strategy Trading software interface. At the top, the title bar reads "Strategy Trading Version 1.0.0.0 (Powered by FT-Engines) NSE EQ Id: 17829 F&O Id: 3266" and the date/time is "23 Jul 2009 03:31:32 PM". The main window is divided into several sections:

- Index View:** Shows three indices: MCXCOMDEX at 2306.13 (+3.09), MCXMETAL at 2720.34 (+6.06), and MCXENERGY at 2309.61 (-0.23).
- Market Watch - MCX:** A table listing various instruments with columns for Exchange, Instrument, Symbol, Ser/Exp, Buy Qty, Buy Price, Sell Price, Sell Qty, Last Traded Price, and Last Traded Time. The table includes entries for SILVER, STEELG2B, GOLD, CRUDEOIL, JUTE, CHANADEL, PLATINUM, and WHEAT.
- Strategy Parameters:** A form for configuring trading strategies. It includes fields for Strategy (QUOTE_ST), Mapping (1), Exchange (MCX), Instrument (FUTCOM), Code (204398), Symbol (GOLD), Series (05AUG2009), Max Lots (1), and DPR (5). It also has checkboxes for Target Forward (-2.00) and Target Reverse (-13.00), and a Timer (5 seconds).
- Bottom Panel:** A summary of market data for various contracts, including GANESH, NE: Open, ND: Close, BE: Open, and MCX: Special. It also provides contact information for Anil Singh, Deepesh Shrivastava, Ronald Dabitto, and Jitendra Bothra.

<http://www.ftindia.com/solutions/brokeragesolutions/optolutions.htm>

A JAVA Program for International Arbitrage

Conclusion

**To sum up, the project is about the international arbitrage.
If you have some advises, you can mention it.**

Thank you !