Java Programming
(An introduction to cross platform GUI applications)

By
Engr. Abdul-Rahman Mahmood
Short Course Overview
This course teaches basic Java programming concepts to students / professionals having basic understanding of windows / Linux operating system. The course contents are as under:

1. Introduction to Eclipse programming environment.
2. Elementary Programming
   Selections
   Loops
   Methods
3. Single-Dimensional Arrays
   Multidimensional Arrays
4. Objects and Classes
5. Strings and Text I/O
6. GUI Basics
7. Exception Handling
8. Event-Driven Programming
9. Creating Graphical User Interfaces
10. Applets and Multimedia
11. Basics of Network Programming in Java
12. URL, URLConnection, Sockets, Telnet, Time & dictionary server

The course will comprise of 12 lab sessions. Course duration is 24 hours in total.

Course registration:
Course fee is Rs 6000 per student and Rs 8,000 for professionals.

Teaching Methodology:
Multimedia projector based training. Extensive lab-oriented exercises.

About the Trainer
Abdul Rahman has an experience of 19 years in software development and IT Security. He has served Pakistan Ministry of Defense as a Deputy Director & Head of Crypto Division. He has also worked abroad in Japanese data centers as software professional and as a consultant in NTT Japan and Peritech International. He played key role in in the construction of security auditing tools for Secure Bytes. He is certified in Quality Auditing from PIQC and he has played a key role in ISO certification of Softech worldwide as a Quality Management Representative. He is currently working in Usman Institute of Technology as an Assistant Professor and also serving as a consultant in various software houses in Pakistan. His work as a Principal Consultant IT / Security in Appxone is internationally recognized.