RPG IV Programming Advanced Workshop for i

Duration: 4 Days Course Code: AS10G Delivery Method: Virtual Learning

Overview:

This course teaches additional skills and techniques to programmers who can already write comprehensive RPG IV programs.
This class offers a comprehensive discussion of some of the advanced features and functions of RPG IV. This class is designed to enable an experienced RPG IV programmer to develop and maintain RPG IV programs of an advanced level using the latest features and techniques available in the IBM i RPG IV compiler.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target Audience:

This course is the second in a series of two classes designed for programmers who want to learn to code using the IBM i ILE RPG IV language. Previous programming experience using RPG IV is mandatory before enrolling in this course. The student should have attended RPG IV Programming Fundamentals Workshop for IBM i (AS06G).
Previous techniques and the maintenance of programs written using legacy techniques are not covered in the classroom.

Objectives:

- After completing this course, the student should be able to:
- Use address pointers and user spaces in RPG IV programs
- Write and maintain display programs using subfiles
- Develop ILE modular objects and package them in service programs
- Use the IBM i debugger with RPG IV programs
- Explain the behavior of error handling and percolation in ILE
- Code an ILE error handling program
- Call application program interfaces (APIs) from RPG IV program
- Use C functions in RPG IV programs
- Parse XML in RPG IV programs

Prerequisites:

You must have attended these courses (or have equivalent experience):

- Introduction to IBM i for New Users OE98G
- RPG IV Programming Fundamentals Workshop for IBM i AS06G

You should be able to:

- Use a Windows-based PC
- Run PC applications using menus, icons, tool bars, etc

Content:

- The course includes the following Topics:
- Basic API Programming
- RPG IV Features
- Leveraging DB2 UDB Database Features
- Advanced ILE Topics
- ILE Error Handling and Condition Handlers
- ILE CEE API Programming
- Basic Web Enablement
- Other RPG IV Compiler Features

Further Information:

For More information, or to book your course, please call us on +1 (800) 268 7737

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