Object-Oriented Programming Using C++

By B. Sivaselvan,C. Mala,N.P. Gopalan

PHI Learning, 2010. Softcover. Book Condition: New. First edition. C++ is a popular object-oriented programming (OOP) language for developing high-performance computer Applications. This text explores the various key concepts of object-oriented programming such as encapsulation, abstraction, overloading, inheritance, polymorphism, virtual functions, templates and exception handling. Since C++ is an extension of standard version of C, a detailed treatment of C is also given to address the needs of the first-time programmers not acquainted with the features set of C. The book discusses in detail certain concepts that have remained grey for some time now. In this context, the notion of header files inclusion and its internals, and data structures that support features such as polymorphism are explained in detail. Equal emphasis is placed on syntaxes and the semantics behind the working of each feature of the language. Programming is not just syntaxes and the book attempts to present programming features in the right way by laying emphasis on concepts, internals, and illustrating such features by real-time programming examples as well. Programming is an art much like mathematics and is best appreciated and understood only if the conceptual side of the features is put forth as opposed to the conventional view...

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