

Teaching Case

A Term Project in Visual Basic: The Downhill Snowboard Shop

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ABSTRACT

Most commercial programming applications are considerably more complex than the end-of-chapter exercises found in programming textbooks. This case addresses this problem by requiring the students in entry-level Visual Basic programming classes to create an application that helps users order ski equipment from a retailer. For convenience, the forms in this project are simplified versions of what users might actually see in a shopping cart application. Although integrative in nature, the case does not require advanced programming skills. However, it requires familiarity with data and control arrays, formatting, loop controls, and parsing, as well as considerable documentation. It is therefore most suitable as an integrative term project. The required tasks can be completed using either VB.6 or VB.Net.

Keywords: Visual Basic, VB.Net, Computer Programming, Systems Project Development, Data Validation, Multiple forms