HIGHER TECHNICAL INSTITUTE

COURSE IN COMPUTER STUDIES

DIPLOMA PROJECT

COMPUTER AIDED LEARNING PACKAGE FOR C++

CS/355

THEMOS KOLIOS

7 JUNE 2006

COMPUTER AIDED LEARNING PACKAGE FOR C++
AUTHOR: THEMOS KOLIOS

SUMMARY

This software tool the computer aided learning package for C++ was originally proposed by Mr. Christos Makarounas, one of the lecturers of the computer studies department of the Higher Technical Institute. It was issued as one of the requirements for the award of the diploma in the Computer Studies department.

This application was designed as a self education system for students studying the C++ programming language, allowing them access not only to the information contained in the hosted tutorials but also to the knowledge and experience of other users populating the system: all they have to do is request it.

The system was developed using the ASP.NET v2.0 architecture, having C# and JavaScript as its base programming languages in combination to the MySQL Database Management System, as these tools were considered to be the most appropriate for the implementation of a dynamic website.

The end product can operate on any personal computer connected to the internet and having at least 32MB of RAM.

TABLE OF CONTENTS