Analysis, Design and Implementation of an Interactive Pascal Compiler on Personal Computers

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Project Supervisor : Mr. Christos Makarounas, Bsc
External Assessor : Mr. Andreas Kattos

DESIGNED BY
Flangofas John Damianou Nikos

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Introduction

Welcome to HTI Pascal Compiler and its' accompanying development environment. The HTI Pascal Compiler was developed as a Higher Technical Institute project during the year 1994. It is designed to manage as many features of Standard Pascal as possible implementing the code-interpretation technique. You can compile and run your source code using two different programs, the Compiler and the Run. See Chapter 3 on how to compile and run your programs from the command line. Chapter 4 is a brief discussion of Standard Pascal as a programming language including those features supported by this compiler.

About this manual

The User Manual is the only documentation provided with this Standard Pascal Compiler. It contains information on how to install, learn and use the compiler and the development environment provided to accompany it. Following is a discussion of how to install the system on your computer. The rest of the chapters deal with these topics :

- ***Understanding the Compiler*** : Information about the compiler error messages you may receive when you compile and run your programs, and facts regarding design limitations imposed upon the compiler.

- ***Learning the development environment*** : How to operate the environment in order to write your own programs, compile and run them in a friendly and easy manner.

- ***Compiling and running from the command-line*** : How to use the compiler and run programs from the command-line; what to consider.

- ***Standard Pascal : A brief reference*** : An introduction to the Standard Pascal's

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