



TransEra HTBasic

Training Manual

for TransEra HTBasic for Windows

TransEra

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1 Introduction

Goal

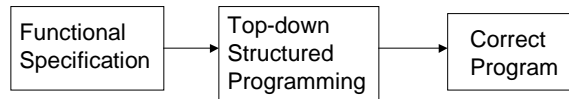
- To define course objectives

Objectives

- Define a “correct program”
- Identify the three functional components of computer hardware

Course Objective

To learn to program with HTBasic, utilizing top-down, structured techniques.



Definition: A Correct Program is one that is error free and does exactly what it is intended to do.

Course Introduction

The goal of this class is to learn how to write “correct” programs in TransEra’s HTBasic computer language. By a “correct” program, one means the program is as error free as designed and the program does exactly what it was intended to do. Reliability is the essential element of computer systems. To achieve reliability, computer programs should be made correct and precise before we try to optimize their performance.

In this course we will study in depth the major aspects of HTBasic as well as a top-down segmented structured programming methodology that will assist us in writing “correct” programs with HTBasic or any other programming language.