1. Introduction to structured programming
   a. Introduction based on work published by O.J. Dahl, Universitet i. Oslo, Mathematisk Institut; E. W. Dijkstra, Department of Mathematics, Technological University, Eindhoven, The Netherlands; C.A.R. Hoare, Department of Computer Science, the Queen’s University of Belfast, Belfast, Northern Ireland.

2. Adaptation to Simulation Development
   a. Objectives of structured analysis.
   b. Functions of structured analysis.

3. Example - Structure of Craftco Manufacturing Company
   a. Flow of development logic
   b. Concepts
   c. Data points
   d. Data flow
\textbf{FIGURE I}

\textbf{STRUCTURE OF CHAPCO MANUFACTURING COMPANY}

\begin{verbatim}
Begin
\{ Begin
    Initialize
    Starting
    Data
\}
End

Begin
\{ Begin
    Compute
    Number
    of
    Units
    Sold
\}
End

Begin
\{ Begin
    Compute
    Total
    Operating
    Expenses
\}
End

Begin
\{ Compute
    Income
    Statement
\}
End

Begin
\{ Begin
    Print
    Current
    Income
    Statement
\}
End

Begin
\{ Begin
    Compute
    Retained
    Earnings
\}
Print
\{ Current
    Balance
    Sheet
\}
End

End
\end{verbatim}
FIGURE II

STRUCTURE OF DEMAND GENERATION

Begin

Begin

Compute Number of Units Sold
Due to Advertising Expenditures

End

Begin

Compute Number of Units Sold
Due to Sales Expenditures

End

Begin

Compute Number of Units Sold
Due to Administrative Operations

End

Begin

Compute Number of Units Sold
Due to Price

End

Begin

Compute Number of Units Sold
Due to Distribution Systems

End

Begin

Compute Number of Units Sold
Due to Business Cycle

End

End