



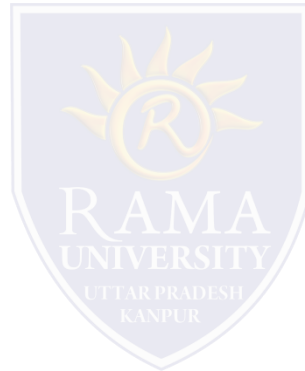
FACULTY OF ENGINEERING & TECHNOLOGY

Brajesh Mishra

Assistant Professor

Department of Computer Science & Engineering

Advantages of Pseudocode Structured Flow Chart

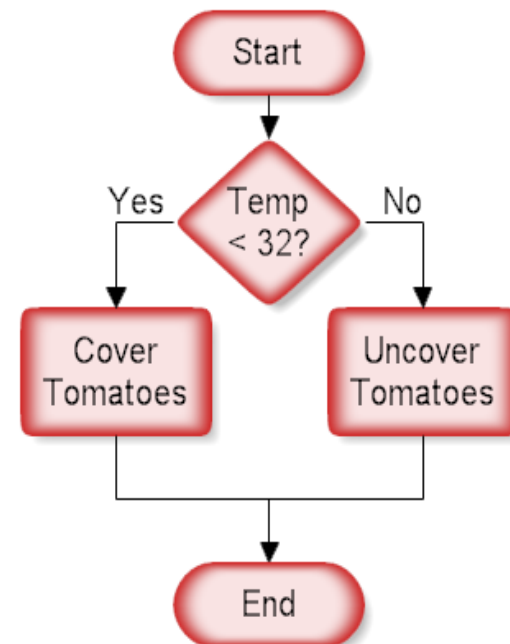


Advantages of Pseudocode

- Since it is a language-independent it can be used by most programmers it allows the developer to express the design in plain and natural language
- It is easier to develop a program from a pseudo code as compared to the flow chart. Programmers do not have to think about syntax, we simply have to concentrate on the underline logic. The focus is on the steps to solve a problem rather than how to use the computer language
- Often it is easy to translate pseudocode into a programming language, a step which can be accomplished by less experienced
- The uses of words and phrases in pseudo code, which are in the lines of basic computer operations simplify the translation from the pseudo code algorithm to the specific programming language
- Unlike flow charts, pseudo code is at and does not tend to run over many pages. Its simple structure and readability make it easier to modify
- The pseudocode allows programmers to work in different computer languages to talk to others they can be reviewed by groups easier than the real code

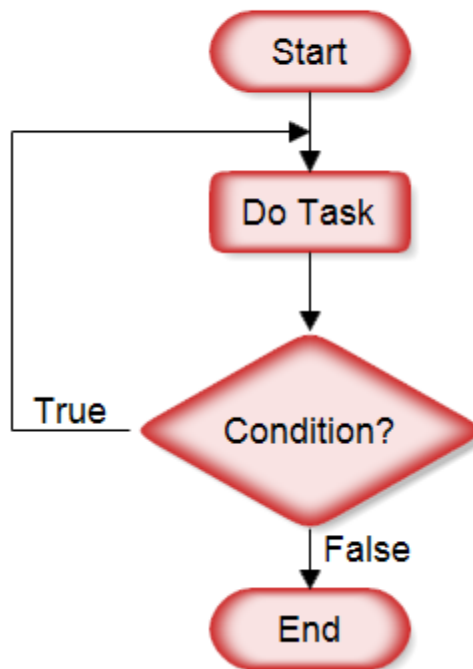
Structured Flow Chart

- Complexity is one of the primary features of the analytical domain
- The structured flowchart appears to have emerged in response to demands for easing the impact of complexity
- flowcharts are easier to understand and less subject to errors by using only a fixed set of structures. These structures include:
 - Sequence
 - Decision
 - Loop
 - Case



Structured Flow Chart

Do While Loop



While Loop

