

Question :- OR

Q) What is Pseudo Code? Difference between flow chart and algorithm with example.

Ans - Pseudo Code :- Pseudo Code is an artificial and informal language that helps program developer algorithms. Pseudocode is a text-based detail design tool.

The rules of Pseudo Code are reasonably straightforward. All statements showing dependency are to be indented. These include while, do, for, if, switch.

Algorithm and flowchart are two types of tools to explain the process of a program.

Algorithm :- To write a logical step-by-step method to solve the problem is called Algorithm. In other words, an algorithm is a procedure for solving problems. In order to solve a mathematical or computer problem. This is the first of the procedure. An Algorithm includes calculation.

Flowchart: A flowchart is the graphical or pictorial representation of an algorithm, with the help of different symbols, shapes and arrows, in order to demonstrate a process or a program. With an algorithm, we can easily understand a program. The main purpose of a flowchart is to analyze different processes. General structured graphs are called in a flowchart.

Algorithm

It is procedure for solving prob.

The process is shown in step-by-step instruction.

It is complex and difficult to understand.

It is somewhat easier to solve complex problem.

Flowchart

It is a graphics representation of a process.

The process is shown in block-by-block information diagram.

It is intuitive and easy to understand.

It is hard to solve complex problem.