

Algorithm

The word "algorithm" relates to the name of the mathematician Al-khowarizmi, which means a procedure or a technique. Software Engineer commonly uses an algorithm for planning and solving the problems. An algorithm is a sequence of steps to solve a particular problem or algorithm is an ordered set of unambiguous steps that produces a result and terminates in a finite time

Algorithm has the following characteristics

- **Input:** An algorithm may or may not require input
- **Output:** Each algorithm is expected to produce at least one result
- **Definiteness:** Each instruction must be clear and unambiguous.
- **Finiteness:** If the instructions of an algorithm are executed, the algorithm should terminate after finite number of steps

The algorithm and flowchart include following three types of control structures.

1. **Sequence:** In the sequence structure, statements are placed one after the other and the execution takes place going from up to down
2. **Branching (Selection):** In branch control, there is a condition and according to a condition, a decision of either TRUE or FALSE is achieved. In the case of TRUE, one of the two branches is

Participants (6)

Search

- SK Shishir Kumar
Host, me
- A Aditya
- A adnankhan71409
- AA Aryan Anshu
- K krianshika64611
- N nidhisharma8211

Chat

- from Shishir Kumar to everyone: 1:11 PM
good morning
- from Aditya to everyone: 1:11 PM
good morning sir
- to a.k.singh (privately): 1:15 PM
what is yr roll no

To: --- Please Select ---

Enter chat message here

Activate Windows

Go to PC settings to activate Windows.

