Algorithms

Each and every work that we do in our life, whether it is simple or complex, has some pre-defined sequence of task. Such task for solving task is, in general terms, called algorithm. In the short form algorithm also said step by step process.

All algorithms must satisfy the following criteria:-

1. Input: Any operation need some beginning one or more quantities/values.
2. Output: After input processed, they must produce at least one quantity as output.
3. Finiteness: An algorithm must terminate after a finite number of steps.
4. Definiteness: Each instruction in algorithm must be clear and unambiguous.
5. Effectiveness: Algorithm to be developed/written using basic operations. It must be feasible.

Algorithm to prepare a cup of tea

1. Put the utensil on stove
2. Pour water & boil
3. Mix milk
4. Add tea and sugar
5. Boil it
6. Filter and serve