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 executed in a certain

order to get the desired
 output. Algorithms are
 generally created
 independent of underlying
 languages, i.e. an
 algorithm can be
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 algorithm, we can
 represent best, worst, and
 average cases in the form
 of expression. Example:-
 $f(n) = n^2 + 500$, for worst
 case. $f(n) = n + 100n +$
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We will discuss code complexity in different algorithms like sorting algorithms (Bubble, Merge, Heap, and quick sort), searching algorithms (Binary search, linear search, and Interpolation), Graph

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For a given algorithm, we can represent best, worst, and average cases in the form of expression.

Example:- $f(n) = n^2 + 500$, for worst case. $f(n) = n + 100n + 500$, for best case. Similarly, we

can define the average case too. In the next article, I am going to discuss Asymptotic Notation. Here, in this article, I try to explain the Analysis of Algorithm in Data Structure.

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